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# TOWN OF ANDOVER

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ANNUAL REPORT

YEAR ENDING JANUARY 15, 1895

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47.096

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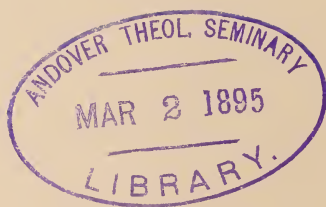
THE  
ANNUAL REPORT  
OF THE  
Receipts and Expenditures  
OF THE  
TOWN OF ANDOVER

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FOR THE  
FINANCIAL YEAR ENDING JAN. 15, 1895.

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ANDOVER, MASS :  
THE ANDOVER PRESS PRINTERS,  
1895



47.096

# Town Meetings.

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**Monday, March 6th, 1894.**

## **WARRANT.**

ARTICLE 1st.—To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors, and Overseers of the Poor for three years, One member of the School Committee for one year and Three for three years, One Water Commissioner for three years, One Trustee of the Memorial Hall for seven years, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers. Surveyors of Lumber, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question: “Shall Licenses be granted for the Sale of Intoxicating Liquors in this Town?”

Article 4th. — To determine the disposition of unexpended appropriations.

Article 5th. — To determine what sums of money shall be appropriated for Schools, School-houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds, and

Notes, State Tax, County Tax, Discount on Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and other town charges and expenses.

Article 6th. — To hear the report of the Sewerage Commissioners and act thereon.

Article 7th. — To see what sum of money the town will appropriate for the construction of a system of sewerage, on a petition of the Sewerage Commissioners.

Article 8th. — To see if the Town will adopt the Australian Ballot for use in the election of Town Officers on petition of John N. Cole and others.

Article 9th. — To see if the Town will appropriate two hundred and ninety-eight dollars and fifty-six cents (\$298.56) the unexpended balance from last year, to complete Morton Street extension as per plans of Engineer Hale.

Article 10th. — To see if the Town will appropriate the sum of nine hundred dollars (\$900) to settle unpaid bills against Abbott Village school-house.

Article 11th. — To determine the method of collecting the Taxes the ensuing year.

Article 12th. — To fix the pay of the Firemen for the ensuing year.

Article 13th. — To see if the Town will revise and accept the List of names for Jurors, prepared and posted by the Selectmen.

Article 14th. — To hear and act on the Reports of the Selectmen and other Town Officers.

Article 15th. — To see if the Town will appropriate the sum of one hundred and fifty dollars (\$150) to reimburse Silas Buck for a horse, killed in the service of the Fire Department, on petition of Charles Greene and others.

Article 16th. — To see if the Town will appropriate the sum of twelve hundred dollars (\$1200) for a system of Fire Alarm, on petition of the Engineers of the Fire Department.

Article 17th. — To see if the Town will vote to sell one

of the Steam Fire Engines on petition of Lewis T. Hardy and others.

Article 18th. — To see if the Town will appropriate a sum of money to purchase a Hose Carriage for Ballard Vale, on petition of Chief Engineer.

Article 19th. — To see if the Town will take some action in regard to a proper observance of the Two Hundred and Fiftieth Anniversary of the incorporation of Andover as a town, which will occur in May, 1896.

Article 20th. — To see if the Town will vote to discontinue the Holt District School and appropriate a sum of money to transfer the scholars to the Centre schools on petition of the School Committee.

Article 21st. — To see if the Town will vote to petition the State Highway Commission to have the Turnpike, which leads from the Lawrence line to North Reading line, laid out as a State Highway at the expense of the Commonwealth, with the understanding that the Town retain control of the same, according to Chapter 476, Acts of 1893.

Article 22nd. — To authorize the Treasurer to hire money for the use of the Town when necessary, upon the approval of the Selectmen.

Article 23rd. — To determine the amount of money to be raised by taxation the ensuing year.

Article 24th. — To transact any other business that may legally come before the meeting.

Took up Article 1st.

George H. Poor was elected Moderator.

*Voted*, To take up and act upon Articles 2nd and 3rd together.

*Voted*, To close the polls at two o'clock P. M.

*Voted*, That the Town do not elect a board of health.

*Voted*, To choose three Field Drivers.

*Voted*, To choose three Fence Viewers.

*Voted*, At ten minutes before two o'clock that the polls be



closed in five minutes, and they were closed at five minutes before two.

At five minutes past ten o'clock A.M., the polls were opened and the meeting proceeded to ballot for Town Officers and to vote on the Liquor License question, two voting lists for each voting precinct being required.

The Standard cancelling ballot box failed to work properly and it was set aside, an open box being substituted therefor in taking the vote on the Liquor License question.

The Moderator appointed Arthur Bliss, Samuel H. Boutwell, John S. Stark, J. Warren Berry, Newton Jaquith, Jr., and Walter D. Pearson, as tellers of votes for Town Officers, and Barnett Rogers as teller for the License Vote, and they were duly sworn by him to the faithful performance of their duty, and the tellers reported as follows :—

Whole number of votes cast,	641
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Necessary to a choice where there were two candidates for the same office,	322
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FOR TOWN CLERK :

Abraham Marland,	435
George A. Higgins,	205

FOR SELECTMAN, ASSESSOR, AND OVERSEER OF POOR,—3 years :

Samuel H. Boutwell,	635
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FOR TOWN TREASURER :

George A. Parker,	639
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FOR COLLECTOR OF TAXES :

Abraham Marland,	435
George A. Higgins,	206

FOR SCHOOL COMMITTEE,—1 year :

Harry Ramsdell,	76
Miss Clara Putnam,	282

FOR SCHOOL COMMITTEE,—3 years :

Charles H. Shattuck, Jr.,	76
J. Newton Cole,	402
William Shaw,	402
George D. Pettee,	539



FOR WATER COMMISSIONER,—3 years :	
Felix G. Haynes,	537
FOR TRUSTEE OF MEMORIAL HALL,—7 years :	
Joseph W. Smith,	536
FOR TRUSTEE OF JOHN CORNELL FUND,—3 years :	
Frank E. Gleason,	641
FOR AUDITORS :	
Lewis T. Hardy,	640
Louis A. Dane,	403
Joseph M. Bradley,	388
Marcus M. Hill,	239
W. Byron Morse,	242
FOR CONSTABLES :	
George F. Cheever,	392
Barnett Rogers,	534
John H. Clinton,	402
FOR FENCE VIEWERS :	
George Buchan,	641
Michael T. Welch,	641
William H. Carter,	641

All the foregoing officers declared elected were chosen by ballot.

And the Moderator declared Abraham Marland elected Town Clerk ; Samuel H. Boutwell elected Selectman, Assessor, and Overseer of the Poor for three years ; George A. Parker elected Town Treasurer ; Abraham Marland elected Collector of Taxes ; Clara Putnam elected School Committee for one year ; George D. Pettee elected School Committee for three years ; Felix G. Haynes elected Water Commissioner for three years ; Joseph W. Smith elected Trustee of Memorial Hall for seven years ; Frank E. Gleason elected Trustee of John Cornell Fund for three years ; Lewis T. Hardy, Louis A. Dane, and Joseph M. Bradley elected Auditors of Accounts ; George F. Cheever, Barnett Rogers, and John H. Clinton elected Constables ; George Buchan, Michael T. Welch, and William H. Carter, elected Fence Viewers.

The result of the vote on Liquor License question was declared as follows :

“Yes,” 64.

“No,” 348.

Chose Field Drivers : Porter Livingstone, John S. Dearborn, Alvin Jenkins.

Chose Surveyors of Lumber : William H. Carter, Joshua H. Chandler, Henry Gray, H. P. Ladd, Charles H. Marland, Charles G. Hussey, Joseph F. Cole, Herbert A. Moody, and Frank E. Gleason.

Chose Pound Keeper: Superintendent of Town Farm, Town barn and barn yard to be the pound.

Took up Article 4th.

*Voted*, That all unexpended balances of Appropriations, except so far as used and expended at the February pay day, be covered into the Treasury.

Took up Article 20th.

*Voted*, That this article be indefinitely postponed.

Took up Article 5th.

*Voted*, To appropriate the following stated amounts of money :

For Schools,	\$17,000
School-houses,	3,000
New Grammar School (including \$15,000 insurance)	20,000
School Books and Supplies,	1,800
Highways and Bridges,	5,000
Sidewalks,	500
Removing Snow,	500
Town Officers,	5,000
Town House,	1,500
Water-works,	4,800
Fire Department,	2,000
Horses and Drivers,	3,000
Street Lighting,	4,500

For Printing and Stationery,	700
Spring Grove Cemetery,	00
Memorial Day,	200
State Aid,	1,600
Military Aid,	300
Almshouse Expenses,	4,000
Relief out of Almshouse,	5,000
Repairs on Almshouse,	300
State Tax,	6,000
County Tax,	6,000
Abatement of Taxes,	300
Interest on Notes, Funds, and Bonds,	10,000
Insurance,	300
Hay Scales,	50
Morton Street Extension,	298.56
Sewerage and Park Bill, (contracted,)	1000
Miscellaneous,	1,500
Sinking Fund,	450
Abbott Village Schoolhouse,	852.22
Silas Buck's Horse,	150
Hose Carriage for Ballardvale,	300

The Moderator appointed John Alden, Joseph M. Bradley, and George D. Pettee, a committee to rebuild the Central Grammar School Building.

*Voted*, To instruct the Building Committee on Central Grammar School, to rebuild according to the original plans, as far as outside architecture is concerned, and that the Committee shall not exceed the appropriation for this purpose.

*Voted*, That the Moderator be instructed to appoint a committee of five to consider the matter of salaries of Town Officers.

The Moderator appointed William S. Jenkins, Howell F. Wilson, Joseph M. Bradley, John N. Cole and Charles Greene as that committee.

The Committee made the following report :

For Salary of Moderator,	\$ 10
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For Chairman of Selectmen,	400
Two Selectmen (each)	300
Town Treasurer,	300
Town Clerk, Collector of Taxes, Clerk of Board of Selectmen, Clerk of Board of Registrars of Voters, all fees collected to be turned into Town Treasury,	1000

Suggest—Office hours of Town Clerk and  
Collector 9 to 12 A. M., 2 to 5 P. M., 7 to 8  
three evenings each week.

Town Counsel,	75
Water Commissioners, Chairman,	40
Water Commissioners, others,	30
Engineers, Chief,	50
Engineers, Assistants,	30
Auditors,	5

*Voted*, To accept the report of the Committee on Salaries.

*Voted*, That forty-five hundred dollars be appropriated for  
Street Lighting, and that the Selectmen be instructed to make  
such contract as they can for lighting the streets from expira-  
tion of present contract until April 1st, 1895.

*Voted*, That the matter of discount on taxes be laid on the  
table until Article 11th is considered.

Took up Article 6th.

Mr. W. S. Jenkins made a verbal report on Sewerage and  
Public Park, (see printed report).

*Voted*, That the matter of sewerage be referred back to the  
Commissioners, and that they report at the next annual town  
meeting.

*Voted*, That the matter and care of Public Park be com-  
mitted to the Superintendent of Almshouse, Chairman of Se-  
lectmen, and M. C. Andrews.

Took up Article 7th.

*Voted*, To indefinitely postpone the same.

Took up Article 8th.

*Voted*, That ballots for town officers shall be provided here after at the expense of the Town under the Australian Ballot system, so-called.

Took up Article 9th.

*Voted*, To appropriate two hundred and ninety-eight and 56-100 dollars to complete Morton Street.

Took up Article 10th.

*Voted*, To appropriate eight hundred and fifty-two and 22-100 dollars to settle unpaid bills against Abbott Village Schoolhouse.

Took up Article 11th.

*Voted*, That no discount be allowed on taxes.

*Voted*, That interest be charged at the rate of 5 per cent. per annum on all taxes unpaid after October 1st.

Took up Article 12th.

*Voted*, To pay firemen twenty-five dollars per year for the coming year.

Took up Article 13th.

*Voted*, To strike the following names from the Jury List at the request of the persons: Herbert F. Chase, John Alden, Albert A. Hardy, Benjamin Brown, John H. Flint, and to accept the List of Jurors as amended here following:

Abbott, Almon P.	Burt, Edward W.
Abbott, Warren G.	Bailey, Nathan R.
Abbott, Edward F.	Boutwell, Edward W.
Abbott, James J.	Billington, Charles F.
Abbott, Stephen E.	Blunt, Charles C.
Baker, George F.	Caldwell, Albert W.
Bowman, Charles.	Chandler, George W.
Bailey, Charles L.	Chapman, Ovid
Boutwell, Samuel H.	Craik, James.
Boynton, Henry.	Cummings, Brainard.

Cheever, William B.	Livingston, William.
Chandler, Joshua H.	Murray, John W.
Caffrey, Owen F.	Mooar, J. Warren.
Claflin, John M.	Moody, A. Herbert.
Daley, James E.	Moulton, Charles N.
Dodson, Richard J.	Matthews, Thomas A.
Dane, Louis A.	Newton, Charles H.
Daley, Patrick.	Neal, Horace F.
Dear, Alexander.	Phelps, Frank C.
Davey, John.	Pearson, Walter B.
Erving, Abbott.	Poor, Daniel H.
Flint, Henry K.	Russell, Henry A.
Flint, James S.	Riley, Lawrence F.
Grosvenor, James.	Shapleigh, William P.
Holt, Ballard.	Spence, James.
Hanson, Eugene A.	Swift, George F.
Hardy, Harrison H.	Smith, Peter D.
Hardy, Fred. S.	Stott, Joshua H.
Haynes, Bancroft T.	Stark, John S.
Hayward, Henry M.	Stott, Thomas E.
Hayward, Henry A.	Scott, John W.
Jenkins, Alvin.	Tuck, M. Warren.
Jaquith, Newton, Jr.	Weeks, John
Joyce, Patrick V.	Ward, Wilber F.
Keeland, John E.	Welch, Michael T.
Lowd, Joseph H.	Ward, George D.
Lovejoy, Stephen A.	

Took up Article 14th.

*Voted*, To accept the Report of the Selectmen and other Town Officers.

Took up Article 15th.

*Voted*, To appropriate one hundred and fifty dollars to reimburse Silas Buck for a horse killed in service of the Fire Department.

Took up Article 16th.

*Voted*, To indefinitely postpone.



Took up Article 17th.

*Voted*, To instruct the Engineers to sell the steam fire engine at Ballard Vale, and reorganize the Fire Department in such manner as they think for the best interest of the Department.

Took up Article 18th.

*Voted*, To appropriate three hundred dollars for a hose carriage for Ballard Vale.

Took up Article 19th.

*Voted*, That a committee of fifteen, of which the Moderator shall be one, be appointed to formulate a plan for the proper observance of the 250th anniversary of Andover, said committee to report plan and recommend sub-committees at the next annual town meeting.

The following persons were appointed as that committee :

C. F. P. Bancroft,	Frederick W. Greene,
John N. Cole,	Ballard Holt,
John P. Taylor,	George Gould,
George W. Foster,	Joseph M. Bradley,
William Marland,	William C. Donald,
Joseph W. Smith,	Alfred Ripley,
Howell F. Wilson,	George H. Poor.
Samuel H. Boutwell,	

Article 20th was acted upon after Article 4th.

Took up Article 21st.

*Voted*. That the Town petition the State Highway Commission to have the Turnpike which leads from the Lawrence line to the North Reading line, laid out as a State Highway, at the expense of the Commonwealth, with the understanding that the Town retain control of the same, according to Chapter 476, Acts of 1893.

Took up Article 22d.

*Voted*, To authorize the Treasurer to hire money for the use of the Town, when necessary, upon approval of the Se-



lectmen, in anticipation of taxes of the current year, to be paid therefrom.

Took up Article 23d.

*Voted*, To raise seventy-nine thousand dollars by taxation.

Took up Article 24th.

*Voted*, That a Finance Committee shall be appointed at this meeting, to consist of the three Selectmen, chairman of the boards of Water Commissioners, School Committee, and Chief Engineer of the Fire Department, and five other citizens, appointed by the Moderator, they to consider town matters and make recommendations in 1895, same to be printed in next annual report.

The Moderator appointed Joseph A. Smart, Horace H. Tyler, Henry M. Hayward, John N. Cole, and Jacob W. Barnard as the committee of five citizens to act with the Selectmen and others.

*Voted*, To ask the Selectmen to open the polls in State Elections at seven o'clock A.M.

*Voted*, That the Trustees of the Free Schools in the South Parish in Andover be instructed to petition the General Court for leave to turn over the funds and property in their hands to the Town of Andover, and for the dissolution of their corporation.

Meeting dissolved at six o'clock P.M.

Attest :

ABRAHAM MARLAND,

*Town Clerk.*

Tuesday, Oct. 2d, 1894.

WARRANT.

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2d.—To see if the Town will authorize the Selectmen to contract with the Massachusetts Highway Commission for the construction of such highway or highways laid out or taken charge of or hereafter to be laid out or taken charge of by said Commission within the town, in accordance with the provisions of law in this behalf.

Article 3d.—To see if the Town will adopt by-laws required by the provisions of Section 7 (seven) of Chapter 455 of the Acts of 1894.

Article 4th.—To see if the Town will adopt the provisions of the law in relation to the construction and inspection of buildings.

Article 5th.—To see if the Town will revoke its adoption of the Australian Ballot for use in the election of town officers.

Article 6th.—To see if the Town will appropriate two hundred and fifty dollars (\$250) for the numbering of the streets of Andover.

Took up Article 1st.

Chose George H. Poor Moderator.

Took up Article 2d.

*Voted*, To authorize the Selectmen to contract with the Massachusetts Highway Commission for the construction of such highway or highways laid out or taken charge of or hereafter to be laid out or taken charge of by said Commission within the town, in accordance with the provisions of law in this behalf.

Took up Article 3d.

*Voted*, To adopt by-laws relating to plumping and house draining, the same as now in use in the city of Haverhill.

Took up Article 4th.

*Voted*, That the Town adopt Section 11, Chapter 481, of the Acts of 1894, and that an inspector of buildings be appointed by the Selectmen to enforce all by-laws that are or may be established to regulate the inspection, materials, construction, alteration and use of buildings and other structures, the compensation of such inspector to be determined by the Selectmen.

Took up Article 5th.

*Voted*, To revoke the action of the Annual Town Meeting, held March 4th, 1894, so far as it relates to the providing of ballots at the expense of the town, or the Australian Ballot so called.

Sixty-eight voted yea, and three nay.

Took up Article 6th.

*Voted*, That the Selectmen be directed to number buildings in the streets of the town so far as may be necessary to secure free delivery of the United States Mails, and that the sum of two hundred and fifty dollars (\$250) be appropriated therefor, to be taken from any appropriations that may show unexpended balances to that amount at the end of the fiscal year.

*Voted*, That the Selectmen be a committee to revise the By-Laws and present at the next annual meeting.

*Voted*, That the meeting be dissolved.

Attest,

ABRAHAM MARLAND,

*Town Clerk.*

Special Town Meeting, January 21st, 1895.

WARRANT.

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2nd.—To see if the Town will authorize the Selectmen to enlarge or make such changes and additions to the present Post-Office to meet the requirements of the Government, and appropriate a sum of money therefor, on a petition of ten legal voters of the town.

Took up Article 1st.

Chose George H. Poor Moderator.

Took up Article 2d.

*Moved*, That the Selectmen of the town of Andover be instructed to bid for the location of the Post-Office in the Town Hall, and if their bid is accepted, that the Selectmen be authorized to spend a sum of money not to exceed twenty five hundred dollars in making necessary repairs to put the office in conformity with government requirements.

The motion was lost, sixty voting yea and seventy nay.

*Voted*, That the meeting be dissolved.

The foregoing is a true copy of the Warrant, also a true record of the doings of the meeting.

Attest,

ABRAHAM MARLAND,

*Town Clerk.*

# Selectmen's Account.

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## SCHOOLS.

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Appropriation March 5th,

\$17,000 00

### Central Grammar.

S. M. Wilbur, teaching,	\$593 70	
D. M. Farnum, teaching,	256 30	
F. W. Meldrum, teaching,	423 16	
A. E. Chase, teaching,	423 16	
L. B. Robinson, teaching,	134 16	
Clara A. Putnam, teaching,	167 70	
A. A. Richardson, teaching,	3 36	
F. E. Gleason, coal,	334 31	
Abbott Erving, janitor,	177 57	
Robert Bell, janitor,	60 00	
J. T. Lovejoy, Supt., labor, re-		
moving coal,	25 48	
	<hr/>	\$2598 90

### South Centre.

E. A. McLawlin, teaching,	\$497 13	
C. B. Deane, teaching,	424 84	
L. A. Roach, teaching,	421 49	
A. O. S. Clemons, teaching,	395 49	
J. S. Abbott, teaching,	424 84	
L. F. Farnum, teaching,	424 00	

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*Amount carried forward,* \$2587 79 

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\$2598 90

Appropriation, \$17000 00

*Amount brought forward*, \$2587 79 \$2598 90

A. A. Richardson, teaching,	34 81	
Abbott Erving, janitor,	244 87	
F. E. Gleason, coal,	187 25	
		\$3054 72

#### Ballard Vale.

S. N. Molther, teaching,	\$498 10	
C. A. Deane, teaching,	424 84	
I. G. Goldthwaite, teaching,	257 14	
M. F. Brown, teaching,	424 84	
R. S. Copeland, teaching,	424 84	
F. I. Abbott, teaching,	399 70	
S. G. Meldrum, teaching,	135 41	
Orrell Ashton, janitor,	228 00	
H. M. Hayward, coal,	253 61	
Greene & Woodlin, wood,	10 00	
		\$3056 48

#### Abbott Village.

M. C. Donovan, teaching,	\$475 00	
J. F. Greene, teaching,	420 64	
J. A. Birnie, teaching,	423 16	
M. D. McLeod, teaching,	424 84	
A. A. Richardson, teaching,	84	
James Scott, janitor,	175 00	
F. E. Gleason, coal,	140 25	
		\$2059 73

#### Scotland.

H. W. Ryder, teaching,	\$211 83	
I. G. Goldthwaite, teaching,	142 05	
Mary McIntire, janitor,	14 00	
		\$367 88

*Amount carried forward*, \$11137 71

Appropriation,	\$17000 00
<i>Amount brought forward,</i>	\$11137 71

**Holt.**

S. G. Meldrum, teaching,	\$181 64
H. Stefan, teaching,	30 19
Albert Flint, janitor,	14 00
	<hr/>
	\$225 83

**Frye Village.**

A. C. Morrison, teaching,	\$287 50
L. A. Abbott, teaching,	444 64
H. W. Battles, teaching,	424 84
F. D. Hayes, teaching,	157 80
Charles A. Craig, janitor,	95 00
Frank E. Gleason, wood and coal,	77 75
	<hr/>
	\$1487 53

**West Centre.**

H. R. Bailey, teaching,	\$272 32
M. B. Hardy, teaching,	125 19
M. A. Wilson,	157 80
F. E. Gleason, wood and coal,	33 98
F. H. Hardy, janitor,	23 00
	<hr/>
	\$612 29

**Osgood.**

Julia Driscoll, teaching,	\$27 63
Kate Ticknor, teaching,	208 04
Lillian R. Edmonds, teaching,	135 00
Henry K. Flint, wood,	8 00
Alma Bourdelais, janitor,	11 50
C. L. Bailey, preparing wood,	2 25
	<hr/>
	\$392 42

*Amount carried forward,* \$13855 78



Appropriation,	\$17000 00
<i>Amount brought forward,</i>	\$13855 78

**Bailey.**

Eva Hardy, teaching,	\$241 96	
Gertrude E. Holt, teaching,	135 00	
James S. Flint, wood,	28 00	
Newton & Flint, janitors,	14 00	
	<hr/>	\$418 96

**Abbott.**

L. O. Twombly, teaching,	\$136 76	
S. A. Thorne, teaching,	90 00	
Anna M. Boutwell, teaching,	135 00	
A. A. Hardy wood,	7 50	
Fred Hanson janitor,	14 00	
	<hr/>	\$383 26

**North.**

Ida J. Holt, teaching,	\$241 96	
M. W. Munroe, teaching,	135 00	
A. A. Hardy, wood,	7 50	
F. J. Noyes, janitor,	14 00	
	<hr/>	\$398 46

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W. A. Baldwin, Superintendent of Schools,	\$1026 18	
E. B. Stefan, teaching drawing,	495 00	
Edward Butterworth, teaching music,	399 76	
F. F. Murdock, lecture,	8 55	
John S Dearborn, truant officer,	10 00	
W. A. Baldwin, travelling ex- penses for lectures,	4 05	
	<hr/>	\$1943 54
Total expenditure,	<hr/>	<hr/> \$17000 00

## SCHOOL-HOUSES.

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Appropriation, March 5th,

\$3000 00

### Grammar School-house.

Henry P. Noyes, supplies,	\$26 55	
Boston & Maine R.R., freight,	30 25	
J. N. Cole, supplies and use of		
piano,	8 50	
Abbott Erving, repairs	4 70	
E. C. Pike, repairs,	10 63	
Brainard Cummings, repairs,	51 24	
Henry McLawlin, supplies,	28 36	
H. F. Chase, supplies,	4 50	
Hardy & Cole, repairs,	13 18	
Lewis G. Currier, labor,	48 15	
Brown's Express,	37 25	
J. E. Whiting, clocks,	20 00	
Robert Bell, labor,	2 00	
George Saunders, supplies,	1 00	
American Express Co.,	1 00	
J. H. Blunt, labor,	5 00	
W. C. Edwards, repairs,	123 38	
	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/>	\$415 69

### South Centre School-house.

Abbott Erving, labor,	\$14 80	
M. T. Walsh, repairs on furnace,	7 70	
Brainard Cummings, repairs,	145 81	
Henry McLawlin, supplies,	4 02	
H. F. Chase, supplies,	2 75	
E. C. Pike, supplies and labor,	108 57	
J. H. Blunt, labor,	5 00	
<i>Amount carried forward,</i>	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/> \$288 65	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/> \$415 69

Appropriation, \$3000 00

<i>Amount brought forward,</i>	\$288 65	\$415 69
Laura F. Farnum, supplies,	64	
H. P. Noyes, supplies,	2 12	
Andover Waterworks, labor,	28 89	
G. B. Smart & Co., plumbing,	244 09	
George A. Parker, treasurer,		
boiler and fittings,	350 00	
Jerry Leary, labor,	12 10	
M. E. White, repairs,	57 45	
W. F. Rutter & Co., plumbing,	251 43	
	————	\$1235 37

**Ballard Vale School-house.**

Henry P. Noyes, supplies,	\$ 30	
E. C. Pike, repairs on furnace,	20 65	
H. F. Chase, supplies,	6 27	
M. E. White, sand,	1 50	
Brainard Cummings, repairs,	8 50	
F. G. Haynes & Co., supplies,	11 70	
John Dearborn, labor,	2 50	
S. E. Cortell, labor,	2 25	
J. E. Whiting, repairing clocks,	2 25	
Brown's Express,	3 10	
	————	\$59 02

**Abbott Village School-house.**

H. P. Noyes, supplies,	\$21 25	
George Saunders, repairs,	44 00	
Abbott Erving, repairs,	50	
C. B. Mason, repairs,	78 75	
Henry McLawlin, supplies,	12 55	
E. C. Pike, supplies,	2 42	
H. F. Chase, supplies,	3 76	
James Scott, labor,	8 00	
G. B. Smart & Co., plumbing,	24 18	
<i>Amount carried forward,</i>	\$195 41	\$1710 08

Appropriation, \$3000 00

<i>Amount brought forward,</i>	195 41	\$1710 08
Jessie F. Greene, waste basket,	50	
Chandler Adjustable Chair and		
Desk Co.,	10 20	
J. E. Whiting, clocks,	10 00	
Brainard Cummings, repairs,	2 75	
J. H. Blunt, labor,	2 00	
Henderson Bros., labor,	22 86	
Andover Water Works, labor,	9 00	
	<hr/>	\$252 72

**Frye Village School-house.**

E. C. Pike, supplies,	24 87	
Charles A. Craig, labor,	7 10	
H. F. Chase, supplies,	75	
J. H. Blunt, labor,	2 00	
Henry McLawlin, supplies,	95	
Brainard Cummings, repairs,	4 66	
	<hr/>	\$40 33

**West Centre School-house.**

Joshua H. Chandler, labor,	\$10 10	
Frank Hardy, repairs,	88	
J. H. Blunt, labor,	2 00	
Henry McLawlin, supplies,	1 55	
C. A. Hardy, labor,	1 00	
	<hr/>	\$15 53

**Osgood School-house.**

Henry P. Noyes, supplies,	\$ 67	
Henry Bourdelais, labor,	1 00	
J. H. Blunt, labor,	2 00	
C. L. Bailey, labor,	1 60	
J. E. Whiting, repairing clock,	75	
	<hr/>	\$6 02

<i>Amount carried forward,</i>	<hr/>	\$2024 68
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Appropriation, \$3000 00

*Amount brought forward,* \$2024 68

**Scotland School-house.**

E. C. Pike, repairs,	\$4 56	
J. H. Blunt, labor,	2 00	
Henry McLawlin, supplies,	1 45	
Brainard Cummings, repairs,	1 90	
		\$9 96

**Holt School-house.**

E. C. Pike, repairing stove,	\$1 05	
Henry McLawlin, supplies,	1 08	
James Dole, labor,	1 00	
		\$3 13

**Bailey School-house.**

George Saunders, repairs,	\$5 20	
E. C. Pike, supplies,	70	
J. H. Blunt, labor,	2 00	
H. McLawlin, supplies,	25	
		\$8 15

**Abbott School-house.**

Hardy & Cole, repairs,	\$18 76	
E. C. Pike, supplies,	2 23	
J. H. Blunt, labor,	2 00	
H. McLawlin, supplies,	2 15	
J. E. Whiting, repairing clock,	1 25	
		\$26 39

**North School-house.**

A. A. Hardy, repairs,	\$2 00	
J. H. Blunt, labor,	2 00	
		\$4 00

*Amount carried forward,* \$2076 31

Appropriation,	\$3000 00
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<i>Amount brought forward,</i>	\$2076 31
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**Punchard School-house.**

George Saunders, repairs,	\$32 80	
Albany Venetian Blind Co.,	100 00	
Chandler Adjustable Chair and Desk Co.,	303 00	
Franklin Ed. Co., supplies,	57 72	
	<hr/>	\$493 52

**Miscellaneous.**

Henry P. Noyes, furniture,	\$47 50	
Henry McLawlin, supplies,	17 05	
Abbott Erving, general repairs and cleaning of all the school houses, as per contract,	155 56	
Charles Muster, painting,	12 00	
Edward McCabe, on boiler,	197 66	
	<hr/>	\$429 77

Total expenditure,	<hr/>	\$2999 60
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Balance unexpended,	<hr/>	\$ 40
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**NEW GRAMMAR SCHOOL BUILDING.**

Insurance,	\$15000 00	
Appropriation,	5000 00	
Sale of Boiler,	350 00	
Sale of Junk,	31 46	
	<hr/>	\$20381 46

Merrill & Cutler,	\$582 85	
U. S. School Furniture Co.,	402 64	
Boston & Maine Railroad,	38 58	
W. C. Edwards,	19120 00	
W. F. Rutter & Co.,	55 00	

Total expenditure,	<hr/>	20199 07
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Unexpended,	<hr/>	\$182 39
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## SCHOOL-BOOKS AND SUPPLIES.

Appropriation, March 5th,	\$1800 00
Brown's Express,	\$11 72
Prang Educational Company,	92 50
Silver, Burdett & Co.,	134 46
D. C. Heath & Co.,	110 02
Willard Small,	7 35
J. L. Hammett,	269 95
Houghton, Mifflin & Co.,	83 14
Thompson, Brown & Co.,	190 62
Leach, Shewell & Sanborn,	37 50
American Book Company,	39 40
John N. Cole,	163 15
Andover Press,	100 60
Ginn & Co.,	341 83
American Express Co.,	8 65
University Publishing Co.,	87 16
W. A. Baldwin,	9 17
Lee & Shepard.	33 92
E. H. Butler & Co.,	5 00
Dodd, Mead & Co.,	64 72
Charles Scribner & Son,	2 91
T. A. Holt & Co.,	1 82
Boston School Supply Company,	2 55
Total expenditure,	\$1798 14
Balance unexpended,	<u>\$1 86</u>



# Highways and Bridges.

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Appropriation, March 5th,		\$5000 00
James O. Carter, labor,	\$417 94	
Herbert Nelson, labor,	9 00	
William Tucker, labor,	4 50	
Albert Jenkins, labor,	6 00	
S. A. Lovejoy, labor,	56 83	
Nelson Hibbert, labor,	49 50	
Daniel Fitzpatrick, labor,	31 50	
Timothy C. Sullivan, labor,	261 91	
William Leary, labor,	304 15	
Almon Abbott, labor,	21 50	
Reuben Webb, labor,	30 75	
S. H. Boutwell, labor,	80 50	
E. G. Hardy, labor,	85 00	
Joseph Bourdelais, labor,	140 76	
Harry Bourdelais, labor,	53 18	
Frank Harrington, labor,	4 50	
George Hatch, labor,	33	
James Hunt, labor,	1 50	
Henry Clukey, labor,	138 89	
John Leary, labor,	97 06	
William Gillespie, labor,	18 67	
Patrick Harnett, labor,	330 16	
Frank McCluskey, labor,	304 49	
John Driscoll, labor,	28 89	
Timothy Madden, labor,	325 64	
William Galvin, labor,	6 00	
George Boutwell, labor,	10 00	
Frank Cunningham, labor,	18 00	
George Flint, gravel,	5 36	
<i>Amount carried forward,</i>	<u>\$2842 51</u>	

Appropriation,		\$5000 00
<i>Amount brought forward,</i>	\$2842 51	
Wm. Smith, labor,	27 00	
A. W. Taylor, labor,	50	
George Saunders, labor,	90	
Silas Buck, labor,	6 50	
Daniel Sullivan, labor,	75	
Newton Jaquith, jr., labor,	25 50	
W. H. Carter, labor,	40 04	
Charles P. Rea, labor,	5 36	
E. C. Pike, labor,	7 51	
Henry McLawlin, hardware,	95 00	
Boston & Maine R. R. Co., freight,	18 56	
T. H. Lord, labor,	5 25	
C. H. Cheever, labor,	12 00	
N. H. Perkins, labor,	7 50	
H. F. Chase, labor,	1 60	
Daniel P. Stiles, labor,	5 38	
Anderson & Bowman, iron work,	13 90	
Samuel H. Bailey, labor,	1 00	
Michael Shea, labor,	3 75	
Hardy & Cole, labor and lumber,	207 87	
T. P. Harriman, iron work,	31 50	
Cornelius Cronin, labor,	7 50	
Mark Holt,	15 00	
C. W. Livingston,	4 50	
John O'Connell, labor and lumber,	10 25	
Frank E. Gleason,	7 00	
Treat Hardware & Supply Co., supplies,	31 58	
Moore E. White, labor,	5 25	
Augustus A. Upton,	1 50	
J. T. Lovejoy, Supt. of Streets,	706 41	
William Lowe, labor,	7 66	
M. W. Tuck, labor,	2 83	
E. W. Boutwell, labor and gravel,	10 40	
Patrick Conway, labor,	10 00	
<i>Amount carried forward,</i>	<u>\$4179 76</u>	

<i>Amount brought forward,</i>	\$4179 76
Brainard Cummings, labor,	8 94
Samuel Smith, labor,	2 50
F. G. Haynes & Co., supplies,	4 29
E. W. Bigelow & Co.,	26 93
Thomas O'Brien, labor,	18 67
Joseph Sherry, labor,	115 66
George L. Averill, labor,	3 60
John Haggerty, labor,	274 10
American Express Co.,	1 85
Andover Water Works,	4 86
J. T. Lovejoy, supplies,	67
Concord Foundry Co.,	10 50
Luther Twiss, gravel,	10 00
Brown's Express,	3 00
T. F. Higgins,	75 25
J. Warren Mooar,	28 90
John Maddox, wood,	22 00
American Road Machine Co.,	11 20
Timothy Haynes, labor,	17 67
Harry Abbott, labor,	42 00
Herbert Whitten, labor,	8 50
George L. Burnham, Supt., labor,	13 50
H. M. Hayward, labor,	1 00
Peter D. Smith,	13 00
A. J. Wellington,	25 00
Hartwell B. Abbott,	6 60
James J. Abbott,	2 00
Western Wheel Scraper Co.,	31 25
Patrick Lahey, labor,	1 50
Stephen Blaney, gravel,	4 00
D. H. Andrews,	1 50
George W. Tibbets,	8 00
John Humphrey,	3 38
Nelson Maskell, labor,	3 00
Joshua H. Chandler, labor,	2 85
Total expenditure,	————— \$4987 43
Balance unexpended,	\$12 57

## SIDEWALKS.

Appropriation, March 5th,		\$500 00
W. J. Jones, labor,	13 11	
Moore E. White, labor,	36 00	
Henry Abbott, labor,	4 00	
James O. Carter, labor,	47 25	
Frank McCuskar, labor,	46 08	
Patrick Hartnett, labor,	46 08	
William Leary, labor,	39 50	
John Leary, labor,	11 08	
Thomas Higgins, labor,	11 08	
Joseph Sherry, labor,	10 50	
Timothy Madden, labor,	46 08	
Timothy Sullivan, labor,	9 92	
S. A. Lovejoy, labor,	13 50	
Herbert Whiton, labor,	1 50	
Herbert Nelson, labor,	4 50	
Stephen Abbott, labor,	9 00	
Warren Mears, labor,	3 00	
Joseph Bourdelais, labor,	15 75	
Harry Bourdelais, labor,	5 25	
Joseph T. Lovejoy, Supt., labor,	75 00	
Total expenditure,	<hr/>	\$448 18
Balance unexpended,		<hr/> <hr/> \$51 82

## REMOVING SNOW.

Appropriation, March 5th,		\$500 00
James O. Carter, labor,	27 61	
S. A. Lovejoy, labor,	9 01	
Silas Buck, labor,	46 00	
Edward W. Burtt, labor,	23 40	
S. O. Cheever, labor,	3 00	
George W. Chandler, labor,	14 50	
N. H. Perkins, labor,	3 68	
<i>Amount carried forward,</i>	<hr/>	\$127 20

Appropriation, March 5th,		\$500 0
<i>Amount brought forward,</i>	\$127 20	
William Tucker, labor,	33 15	
J. T. Lovejoy, Supt.,	85 41	
Samuel H. Bailey, labor,	9 50	
Samuel H. Boutwell, labor,	11 77	
George Boutwell, labor,	5 50	
Richard Whitten, labor,	83	
Robert Holt, labor,	1 00	
Timothy Sullivan, labor,	2 67	
T. H. Lord, labor,	24 98	
Frank McCusker, labor,	11 47	
Timothy Madden, labor,	5 16	
John Maroney, labor,	3 83	
Patrick Hartnett, labor,	5 25	
William Leary, labor,	4 50	
Michael Stack, labor,	11 00	
Hardy & Cole, labor,	2 00	
John Leary, labor,	1 67	
Cornelius Sullivan, labor,	1 33	
Thomas J. O'Brien, labor,	5 92	
John O'Brien, labor,	3 03	
Michael Connor, labor,	1 50	
Michael Dagon,	1 67	
John Madden,	1 50	
George Dane,	1 00	
Daniel Donovan, labor,	1 33	
Joseph Bourdelais, labor,	20 50	
Harry Bourdelais, labor,	5 33	
Daniel F. Harrington, labor,	16 00	
Jabez Wardman, labor,	3 33	
Henry Bourdelais, labor,	3 33	
John F. Nuckley, labor,	11 50	
Edward S. Hardy, labor,	10 50	
John L. Noyes, labor,	2 25	
William Clark, labor,	6 75	
<i>Amount carried forward,</i>	\$443 66	

Appropriation, March 5th,		\$500 00
<i>Amount brought forward,</i>	\$ 443 66	
Edgar Wright, labor,	83	
J. Warren Mooar, labor,	2 50	
Robert Watson, labor,	37	
E. G. Hardy, labor,	9 66	
Francis H. Foster, labor,	7 99	
Jesse H. Clark, labor,	9 75	
Daniel Fitzpatrick, labor,	17 75	
Almon Abbott,	1 70	
Jerry Golden, labor,	4 08	
George Goldsmith, labor,	68	
B. F. Smith, labor,	21 70	
C. C. Blunt, labor,	36 00	
A. Remmes, labor,	3 75	
Thomas E. Gray, labor,	2 25	
James H. Hardy, labor,	3 00	
George L. Burnham, Supt., labor,	7 20	
Newton Jaquith, Jr.,	3 33	
Henry E. Gould, labor,	38 33	
Patrick Murphy, labor,	4 17	
Daniel Murphy, labor,	1 67	
John B. Jenkins, labor,	19 80	
John Sweeney, labor,	3 33	
Richard Haskell, labor,	1 65	
W. H. Carter, labor,	14 00	
James Donnovan, labor,	1 33	
Charles A. Jameson, labor,	8 50	
James J. Abbott, labor,	14 28	
Joshua H. Chandler, labor,	10 65	
Henry McLawlin, supplies,	3 10	
Nathan R. Bailey, labor,	8 75	
John F. Perham, labor,	6 75	
Total expenditure,	—————	\$712 51
Overdrawn,		<u><u>\$212 51</u></u>

## MORTON STREET EXTENSION.

Appropriation,		\$298 56
Henry McLawlin, tools and plow,	\$20 24	
Frank McKuskar, labor,	16 53	
Timothy Madden, labor,	34 03	
Joseph T. Lovejoy. Supt.,	54 00	
Patrick Hartnett, labor,	24 30	
T. C. Sullivan, labor,	27 80	
Thomas Higgins, labor,	31 33	
James O. Carter,	27 80	
Total expenditure,	<hr/>	236 03
Unexpended,		<hr/> <hr/> \$62 53

## REPORT OF THE SUPERINTENDENT OF STREETS.

*To the Selectmen of the Town of Andover:*

GENTLEMEN: I herewith present my fifth annual report on Highways and Bridges.

January 23, 1894, we began work near the Blanchard place on Phillips Street. Having worked four days we were obliged to stop on account of winter's setting in, and no more work was done until March 12. Then beginning where we left off in January, Phillips Street was gravelled to Main Street.

March 19, we began to work on Park Street. This street was ploughed and then put in shape with the road machine. After this the stone crusher was started up and seven hundred and twenty six yards of broken stone were used. This street was stoned from Bartlett Street east to the house of M. A. Clement, including sidewalks, and cost the Highway Department two hundred and sixty-two dollars and seventy-five cents. A grate was put in opposite Florence Street. The sidewalk was continued west from Bartlett Street to Pike's tin shop.

Our next stone work was begun where we left off two years ago, near the house of B. F. Smith, on Central Street. We



stoned as far as the Coburn driveway, using four hundred and fifty-two yards of stone.

Essex Street has been patched near the Catholic Church, using about thirty-three yards of stone. The street has also been cleaned, surface and gutters, from Brook Street to Main Street.

Main Street was surveyed from the southeast corner of the Bank building to Gleason's corner. The sidewalk, paved gutter and street were brought to grade. The old roadbed was dug up, screened and replaced. This required about twenty-five yards of stone from the pit. The electric road paid for this. Main Street has also been cleaned, surface and gutters, from the Square to Punchard Avenue, and later, after the revolving screen arrived, the depressions in the street were filled with fine stones.

Upper Bartlett Street has been put in excellent condition to receive a good coat of broken stone, and the west sidewalk has been built its entire length. Morton Street has been repaired from Bartlett Street to Morton Street extension.

The street leading from Salem Street to the Upton place has been repaired the entire length to the street south of Milton Jones' place. The street from David Hidden's to Stephen D. Abbott's place has been repaired. The bushes have been cut and the trees trimmed on these two streets. Highland Street has been repaired for nearly a mile northeast from Salem Street, also the street leading from Highland to Salem past the Charles Blunt place.

Phillips Street, from Blanchard's north-west, has been repaired as far as Central Street near the Torr place. The street from Phillips to Central has been graveled. Walnut Avenue has been repaired from Elm Street to Joseph Bradley's. Repairs were made on the street leading from Dodson's corner across the Old Railroad to the North Andover line. The street from Frye Village, nearly to the West Church, has been repaired. Main Street has been widened from Frye Village to the Lawrence line, as wide as the telephone posts permitted, and the low places graded. The old

road, from the red house formerly occupied by Henry A. Hill, nearly to the Lawrence line, has been repaired.

The old meeting road near James Abbott's has been re-repaired as far as the corner at Daniel Murphy's, and from Baker's brook to a point near the house of Charles Jameson. From the Coffin's, formally the Morgan place, north across Lowell Street to the four corners south of the Goldsmith place, and also from said corners north-west to the top of Ball Hill, has been repaired. Other repairs have been made between the houses of S. H. Boutwell, Edward Boutwell and George Hardy.

A catch basin and grate have been put in near the corner of Morton Street, and pipe laid underneath to the brook near the house of G. W. Foster on Main Street. Another has been put in on Central Street near Brook Street and piped underneath to Roger's brook.

The west sidewalk has been brought to grade on Florence Street, from Park to Elm Street. Gravel has been put on the west side of Maple Avenue, also on Elm and High Streets. The north sidewalk on Central Street has been graveled from L. K. Belknap's to the house of B. F. Smith. Small jobs have been done on the walks on several other streets.

Essex Street has been re-surfaced from the railroad to the river. About forty yards of gravel have been put on west of Peter D. Smith's on Lowell Street. The road has been repaired from Moore's paint shop past the Burnham place, leading to Joshua Chandler's.

Stones have been raked every two weeks, gathered up, and either carried to the crusher, or piled up for future use. The gutters have been cleaned about the centre as often as needed.

At Ballardvale, River Street has been repaired from the Stott house to the Wilmington line. The streets, gutters, and sidewalks have been kept in repair by the faithful services of John Haggerty.

The bridge at Stevens Mills has been re-planked, also the one over the river near Hartwell Abbott's. Slight repairs have been made on Ballardvale bridge.

Ten new guide posts and two dozen boards have been placed where needed, and to the best of my knowledge everything in this line is complete.

Washington Avenue has been put in condition to be macadamized. and portions of sidewalk have been built on the east side. Morton Street extension has been completed.

Summer Street has been stoned, from the culvert this side of Hutchinson's place nearly to the lane leading to Nathan F. Abbott's, requiring one hundred and ninety yards of stone.

We have to-day at the spring some forty or fifty yards of broken stone. Work has been done for the Boston & Maine Railroad, for the electric railroad, and for Prof. McCurdy. The engine has been let to James Toy. Road-wash and manure have been sold. There is also due at this time two hundred dollars for use of engine and crusher at the State Almshouse.

Yours respectfully,

JOSEPH T. LOVEJOY,

*Supt. of Streets*

## HORSES AND DRIVERS.

Appropriation. March 5th,	\$3000 00
Charles F. Mayer and Son, harness, labor,	65 85
T. H. Lord, care of horses,	407 86
Martin L. Walker, care of horses,	550 00
Frank M. Smith, care of horses,	720 00
Henry McLawlin, supplies,	17 89
Andover Electric Light Company, light,	18 00
James Coates, labor,	25 46
John O'Connell, repairs,	26 50
T. A. Holt and Co., grain,	51 15
Frank E. Gleason, hay and straw,	74 63
George L. Burnham, Supt., hay,	184 22
Smith and Manning, grain,	229 12
A. W. Baker, dentistry,	4 00
Anderson and Bowman, iron-work,	63 93
Brainard Cummings, wood-work,	1 13
J. T. Lovejoy, hay,	25 03
Thomas P. Harriman, iron-work,	97 80
C. H. Shattuck, labor,	2 00
Hardy & Cole, labor,	1 22
Mary S. White, hay,	26 75
J. H. Campion & Co., grain,	213 22
Arthur Bliss, medicine,	9 50
Geo. H. Parker, medicine,	90
Total expenditure,	—————\$2816 16
Balance unexpended,	183 84

## Earnings of Town Horses.

Highways, from January 12, 1894, to January 12, 1895:

January,	\$36 00
March,	138 00
April,	159 00
May,	216 00
<i>Amount carried forward,</i>	<u>\$549 00</u>

<i>Amount brought forward,</i>	\$549 00	
June,	221 00	
July,	216 00	
August,	234 00	
September,	215 00	
October,	213 00	
November,	168 00	
December, Fire Department,	60 00	
Fire Department,	173 00	
Clearing up after Grammar School fire,	19 50	
Total for Highways,	<hr/>	\$2068 50

## Snow :

January,	\$30 00	
February,	99 00	
March,	4 50	
December,	36 00	
Until Jan. 12, 1894,	54 00	
Total for Snow,	<hr/>	223 50
Total for Horses,		<hr/> \$2292 00

## Earnings of Men.

Frank M. Smith,	\$720 00	
Martin Walker,	550 00	
T. H. Lord,	407 86	
Total for Drivers,	<hr/>	1677 86
Total earnings,		<hr/> <hr/> \$3969 86

## TOWN OFFICERS.

Appropriation, March 5th, \$5000 00

## Police :

George F. Cheever,	\$154 75
Geo. W. Mears,	620 00
William Wakely,	86 00
E. H. Shattuck,	3 50
Wm. Gillespie,	1 25
Newton Jaquith, Jr.,	14 50
W. L. Frye.	65 00
M. T. Welch,	58 75
J. W. Mooar,	78 50
John H. Clinton,	16 00
M. Kelley,	11 00
C. E. Knowlton,	7 00
Reuben Webb,	5 25

## Water Commissioners :

John H. Flint, (1893)	100 00
Felix G. Haynes, (1893)	100 00
James P. Butterfield, (1893)	100 00
Felix G. Haynes, (1894)	30 00

## Board of Health :

Charles E. Abbott, (1893)	75 00
George S. Cole, (1893)	60 00
Howell F. Wilson, (1893)	60 00

## Auditors of Accounts :

Joseph M. Bradley,	5 00
Lewis T. Hardy,	5 00
Louis A. Dane,	5 00
Howell F. Wilson, (1893)	5 00

## Town Clerk :

A. Marland, (1893)	309 50
A. Marland, (1894)	765 11
<i>Amount carried forward,</i>	<u>\$2741 11</u>

Appropriation, March 5th,	\$5000 00
<i>Amount brought forward,</i>	\$2741 11

## Constables :

Barnett Rogers,	\$25 50
John H. Clinton,	9 00

Selectmen, Assessors, and Overseers of  
the Poor :

Arthur Bliss, (1893)	179 83
Arthur Bliss,	400 00
Samuel H. Boutwell,	300 00
John S. Stark,	300 00

## Town Treasurer :

George A. Parker,	300 00
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## Registrars of Voters :

Henry McLawlin,	14 00
Joseph F. Cole,	18 25
Charles A. Fischer,	3 75
Peter Donovan,	1 25
A. Marland,	18 25
John Davey,	15 00
J. J. Driscoll,	4 25

## Firewards :

C. C. Blunt,	4 00
W. B. Morse and 19 others,	67 50
Andrew Hurley and 2 others,	18 30
Joshua H. Chandler,	41 50
N. E. Mears,	20 00
Edward Daley,	2 00
B. B. Tuttle,	10 00
John B. Jenkins,	33 00
George A. Holt and 18 others,	112 50
Horace S. Neal and 9 others,	10 00
<i>Amount carried forward,</i>	\$4648 99



Appropriation, March 5th,	\$5000 00
<i>Amount brought forward,</i>	\$4648 99
Henderson Brothers and 10 others,	88 01
John Haggerty,	1 00
Moderator :	
George H. Poor,	10 00
Town Counsel :	
George H. Poor, 1893,	100 00
George H. Poor, 1894,	50 00
Election Officers :	
Walter B. Pearson,	3 00
Geo. A. Parker,	5 00
John M. Claffin,	3 00
Jos. Hinchcliffe,	3 00
Frank Parkhurst,	3 00
Sherman Goodwin,	3 00
D. H. Poor,	5 00
O. F. Caffery,	5 00
Howell F. Wilson,	5 00
Carll Hoffman,	3 00
John J. Driscoll,	2 00
Frank B. Jenkins,	5 00
Barnett Rogers,	5 00
Edward E. Trefry,	5 00
Timothy O'Brien,	5 00
Daniel A. Collins,	5 00
Charles W. Paradise,	5 00
George A. Higgins,	5 00
George W. Foster,	5 00
Thomas E. Rhodes,	2 00
William P. Regan,	5 00
L. A. Dane,	5 00
John J. Sweeney,	5 00
Henry R. Sweeney,	5 00
Total expenditure,	<hr/> \$5000 00 <hr/>

## FIRE DEPARTMENT.

Appropriation, March 5th,	\$2000 00
C. F. Mayer & Son, repairs,	11 75
George W. Wiggin, supplies,	3 40
F. G. Haynes and Co., supplies,	5 85
T. P. Harriman, repairs and labor,	5 95
Boston Woven Hose & Rubber Co.,	178 86
John Haggerty,	7 25
Andover Electric Company, light.	89 66
George W. Chandler, coal,	19 25
John N. Cole, supplies,	1 60
H. M. Hayward, coal,	26 37
Hardy and Cole, repairs and wood,	44 25
Craighead and Kintz Mfg. Co., supplies,	35
John Dearborn, labor,	75
Henry McLawlin, supplies,	15 44
Silas Buck, horses,	6 00
J. E. Whiting, repairs,	75
Thomas Horan, labor,	4 00
Thomas H. Bentley,	1 00
C. M. Muster, repairs,	2 00
Andover Steam Fire Engine Co., No. 1,	
pay of members,	468 77
J. H. Clinton, steward and sawing wood,	52 00
John S. Harnden, engineman,	30 00
George D. Lawson, engineer,	25 00
William Wood, labor,	4 50
D. Donovan & Son, labor,	7 00
R. J. Sherry, labor,	1 00
William Poor, labor,	14 41
N. E. Mears, engineer,	50 00
Allen Simpson, engineman,	37 50
J. P. Bradlee Engine Co., members pay,	350 00
Wm. H. McTernen, janitor,	52 00
Andrew McTernen, engineer,	35 00
<i>Amount carried forward,</i>	<u>\$1551 66</u>

Appropriation, March 5th,	\$2000 00
<i>Amount brought forward,</i>	\$1551 66
L. T. Hardy engineer,	75 00
H. F. Chase, repairs,	1 35
C. C. Stickney, labor,	28 87
C. Callahan Co., collars and hames,	27 00
Boston & Maine Railroad,	29 00
Brown's Express,	5 61
Anderson & Bowman, repairs,	2 85
American Fire Hose Manufacturing Co.,	
labor on hose,	3 35
F. E. Gleason. coal,	70 45
D. J. Winton, labor,	8 00
C. H. Shattuck, supplies,	3 68
E. C. Pike, repairs,	4 00
E. Daley, supplies,	1 50
Benj. Shaw, labor,	1 00
Green & Woodlin, supplies,	3 39
C. N. Perkins, harness snaps,	18 50
Henry Clukey, labor,	1 25
Gleason & Bailey Mfg. Co., balance on	
hose wagon,	102 00
J. H. Campion and Co., supplies,	1 02
H. O'Donnell, horses,	8 50
B. B. Tuttle, labor,	6 80
J. W. Mooar, labor,	6 50
Samuel Smith, repairs,	12 50
C. W. H. Moulton & Co., supplies,	25 00
American Express Company,	15
Total Expenditure,	<hr/> \$1998 93
Balance unexpended,	<hr/> \$1 07

## TOWN HOUSE.

Appropriation, March 5th,	\$1500 00
E. Pike, supplies and repairs,	\$ 6 28
Henry McLawlin, supplies,	1 86
<i>Amount carried forward,</i>	<hr/> \$8 14

Appropriation, March 5th,		\$1500 00
<i>Amount brought forward,</i>	\$ 8 14	
Robert Bell, janitor,	300 00	
Briggs & Allyn, windows,	2 40	
H. F. Chase, lock and repairs,	10 45	
Andover Electric Co., light,	183 44	
John T. Connelly, labor,	7 50	
M. E. White, repairs,	13 15	
B. Cummings, stock and labor,	2 52	
Hardy & Cole, repairs,	1 95	
Sawyer W. Briggs, chairs and table,	40 20	
Smith & Manning, supplies,	2 00	
Frank E. Gleason, coal,	187 25	
John Kershaw,	50	
George L. Burnham, Supt., wood,	7 50	
John Chandler, supplies,	2 00	
J. E. Whiting, repairs,	3 75	
Wm. Wood, repairs,	6 75	
Arthur Bliss, supplies,	1 00	
T. P. Harriman, poker,	75	
Total expenditures,	—————	\$781 25
Balance unexpended,		<u>\$718 75</u>

#### PRINTING AND STATIONERY.

Appropriation, March 5th,		\$700 00
John N. Cole, supplies,	26 30	
William G. Goldsmith, P. M., supplies,	58 60	
Andover Press, printing,	633 34	
F. Hallett & Co., blanks,	5 22	
A. Marland, postage,	1 25	
H. M. Meek, supplies,	1 50	
Thomas Groom & Co.,	2 13	
	—————	\$728 34
Overdrawn,		<u>\$28 34</u>

## SPRING GROVE CEMETERY.

Appropriation March 5th,	\$200 00
Sale of lots, etc.,	201 00
	<u>\$401 00</u>
P. F. Gilbert,	\$ 5 00
J. E. Murch, labor,	14 25
J. D. Murch, labor,	67 50
T. Haggerty, labor,	124 50
R. S. Higgins, labor,	28 00
F. G. Haynes & Co., supplies,	2 98
William Maloney,	6 75
H. L. Pomeroy,	6 00
Phillip Allicon,	39 00
Andover Press,	6 50
C. O. Hemmenway,	7 50
W. H. Higgins,	2 00
H. McLawlin, supplies,	2 05
W. J. Jones, stone,	30 00
O. W. Vennard, Supt.,	50 00
Total expenditure,	<u>\$392 03</u>
Balance unexpended,	<u>\$8 97</u>

## MAINTENANCE WATERWORKS.

Appropriation, March 5th,	\$4800 00
George A. Parker, Treasurer,	<u>4800 00</u>

## ABBOTT VILLAGE SCHOOLHOUSE.

Appropriation, March 5th,	\$852 22
James Dorman,	<u>852 22</u>

## STREET LIGHTING.

Appropriation March 5th,	\$4500 00
Andover Electric Co.,	<u>4177 15</u>
Balance unexpended,	<u>\$322 85</u>

## INSURANCE ACCOUNT.

Appropriation, March 5th,	\$300 00
Proprietor's Fund,	132 38
	<u>\$432 38</u>
Joseph A. Smart, Agent,	676 61
Overdrawn,	<u>\$244 23</u>

## MEMORIAL DAY.

Appropriation, March 5th,	\$200 00
B. Cummings, Quartermaster,	200 00
	<u>          </u>

## HAY SCALES.

Appropriation, March 5th,	\$50 00
Overdrawn,	32 39
	<u>\$82 39</u>
Hardy and Cole,	\$55 39
Jonathan M. Bean, weigher,	25 00
Total expenditure,	<u>          </u> \$82 39

## NEW HOSE CARRIAGE.

Appropriation,	\$300 00
Gleason & Bailey Manufacturing Company,	300 00
	<u>          </u>

## SEWERAGE AND PARK.

Appropriation,	\$1000 00
McClintock & Woodfall, plans,	\$876 00
Andover Press, reports,	57 00
Beacon Lithograph Company,	52 50
Hardy & Cole,	2 43
Total expenditure,	<u>          </u> 987 93
Unexpended,	<u>\$12 07</u>

## SILAS BUCK'S HORSE.

Appropriation,	\$150 00
Paid Silas Buck,	150 00

## INTEREST ON BONDS, FUNDS, AND NOTES.

Appropriation, March 5th,	\$10000 00
Andover Water Bonds,	\$6280 00
Memorial Hall Notes,	1400 00
Andover National Bank,	463 00
Curtis & Motley,	228 75
N. Jaquith,	200 00
Estate of E. Gile,	100 00
C. W. Scott,	10 37
P. N. Allen,	20 00
Grace M. Whittemore,	20 00
C. A. Dorr & Co.,	248 75
George A. Parker, Treasurer,	840 00
	<hr/> \$9,810 87
Unexpended,	\$189 13

## ABATEMENT OF TAXES.

Appropriation, March 5th,	\$300 00
S. F. E. Company, No. 1, poll-taxes,	\$40 00
S. F. E. Company, No. 2, poll-taxes,	32 00
A. Marland, Collector,	259 04
Total expenditure,	<hr/> \$331 04
Overdrawn,	\$31 04

## NOTES DISCOUNTED.

Andover National Bank :

1894, Feb. 5, Note No. 27,	\$6000 00
March 12, Note No. 28,	10000 00
March 12, Note No. 29,	15000 00
<i>Amount carried forward,</i>	<hr/> \$31000 00



<i>Amount brought forward,</i>	\$31000 00
June 30, Note No. 30,	20000 00
Nov. 3, Note No. 31,	20000 00
1895 Jan. 2, Note No. 32,	15000 00
Jan. 19, Note No. 33.	9000 00
Amount discounted,	<u>\$95000 00</u>

## NOTES PAID.

1894, Mar. 12, Andover National Bank,	\$4000 00
May 7, Andover National Bank,	500 00
Sept. 4, Andover National Bank,	6000 00
Oct. 1, Andover National Bank,	10000 00
Oct. 1, Andover National Bank,	15000 00
Oct. 10, Andover National Bank,	500 00
Nov. 2, Andover National Bank.	20000 00
Nov. 4, Andover National Bank,	9000 00
1895, Jan. 2, Andover National Bank,	20000 00
Jan. 19, Andover National Bank,	15000 00
Total,	<u>\$100000 00</u>

## REDEMPTION OF BONDS.

Appropriation,	\$5000 00
George A. Parker, Treasurer,	<u>5000 00</u>

## DOG TAX.

Received from County Treasurer,	\$506 57
J. A. Smart, Treasurer Memorial Hall,	<u>506 57</u>

## COUNTY TAX.

Appropriation, March 5th,	\$6000 00
E. K. Jenkins, Treasurer,	5157 47
Balance unexpended,	<u>\$842 53</u>

## STATE TAX.

Appropriation, March 5th,	\$6000 00
H. M. Phillips, Treasurer,	6383 95
Overdrawn,	<u>\$383 95</u>

## SINKING FUND.

Appropriation, March 5th,	\$450 00
George A. Parker, Treasurer,	450 00

## STATE AID.

Appropriation, March 5th,	\$1600 00
Charles H. Bell,	\$48 00
Robert Bell,	48 00
Lucy M. Buxton,	48 00
Benjamin Cheever,	72 00
Betsey J. Cheever,	48 00
Samuel Cheever,	48 00
George Craig,	72 00
Ellen Craig,	48 00
Lemuel P. Cram,	72 00
Deborah M. Cushing,	48 00
Amelia Cutler,	16 00
Elmore Dane,	36 00
Augustus M. Davis,	48 00
Rhoda Davis,	48 00
John S. Dearborn,	72 00
Theodore A. Gibbs,	66 00
Joseph C. Goldsmith,	48 00
John C. Hovey,	48 00
Ann Hunter,	48 00
Sarah M. Hardy,	48 00
William S. Hodgman,	72 00
<i>Amount carried forward,</i>	<u>\$1102 00</u>

Appropriation,		\$1600 00
<i>Amount brought forward,</i>	\$1102 00	
Lizzie A. Johnson,	48 00	
John McKenzie,	72 00	
William B. Morse,	58 00	
Bridget McCullough,	48 00	
James McDonald,	48 00	
Charles Mears,	48 00	
John P. Morgan,	72 00	
George W. Parker,	48 00	
Joseph Russell,	28 00	
Martha Russell,	4 00	
Henry Shaw,	36 00	
Richard W. Simonds,	36 00	
Laura F. Smith,	48 00	
Nancy M. Travis,	48 00	
Total expenditure,	————	\$1744 00
Overdrawn,		<u>\$144 00</u>

The State Aid is paid to disabled soldiers — (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

#### MILITARY AID.

Appropriation, March 6th,		\$300 00
Joseph G. Nolan,	\$96 00	
Charles D. Woodbridge,	96 00	
Total expenditure,	————	\$192 00
Balance unexpended,		<u>\$108 00</u>

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One half of the amount is repaid to the Town by the State.

## MISCELLANEOUS.

Appropriation March 5th,	\$1500 00
McClintock & Woodfall, plans,	\$282 37
M. J. Mahoney, death returns,	5 50
J. A. Leitch, returning births,	11 00
American Express,	2 70
C. E. Abbott, returning births,	15 25
C. E. Abbott, Board of Health, regula- tions and postage,	8 00
George W. Wiggin, food for tellers,	9 75
Selectmen and Treasurer, carfares, tele- graphing, etc.,	40 12
Henry McLawlin, twine and locks,	1 16
Andover Press, advertising,	5 50
John Pray, teams for police,	26 50
W. H. Higgins, teams for registrars of voters,	56 00
W. A. Anderson, Chelsea police,	40 00
A. A. Hardy, use of team,	2 50
Geo. F. Cheever, teams and telephone,	14 00
George F. Cheever, feed for prisoners, expense to Concord,	5 25
J. F. Richards, returning births,	7 50
J. W. Wardwell, acct. registrars of voters,	3 50
E. Pike, supplies Board of Health,	3 00
Barnett Rogers, auctioneer's fee,	6 15
John Haggerty, labor, Board of Health,	5 00
Scott Shattuck, team,	1 00
John P. Lovell, police supplies,	7 45
B. B. Tuttle, teams for police,	10 00
J. F. Winchester, inspecting cattle,	26 00
A. Marland, postage,	1 75
Ezra L. Woodbury, Salem, Clerk Courts,	3 00
M. Kelly, undertaker,	2 00
A. W. Cobb, Mansfield police,	3 70
<i>Amount carried forward,</i>	<u>\$605 65</u>

Appropriation,		\$1500 00
<i>Amount brought forward,</i>	\$605 65	
H. M. Phillips, State Treasurer,	1 00	
John Henderson, team for insane person,	2 00	
B. Cummings, labor on booths,	2 28	
Barnett Rogers, carrying returns,	2 00	
George W. Mears, feed for prisoner,		
carfares, telegraphing,	7 75	
J. S. Mason & Co., numbering houses,	212 00	
Henry Clukey, labor on Booths,	5 25	
Arthur Bliss, supplies Board of Health,	9 65	
C. H. Newton, 1893, Cattle Inspector,	42 00	
C. H. Newton, 1894, Cattle Inspector,	136 50	
Chas. E. Abbott, Agent Board of Health,		
and Town Physician,	150 00	
Chas. E. Abbott, vaccinating school chil-		
dren,	62 75	
Frank H. Messer, returning deaths,	20 25	
C. H. Shattuck, Jr., returning births,	2 50	
Brown's Express, exp. on books,	1 45	
Lighting Memorial Hall,	30 96	
Total expenditure,	————	\$1293 99
Balance unexpended,		\$206 01

## SUMMARY OF APPROPRIATIONS AND RECEIPTS.

Schools,	\$17000 00
School-houses,	23381 40
School-books and School supplies,	1800 00
Highways and Bridges,	5000 00
Sidewalks,	500 00
Removing Snow,	300 00
Town Officers,	5000 00
Town House,	2142 75
Street Lighting,	4500 00
Printing and Stationery,	700 00
Fire Department,	2000 00
Spring Grove Cemetery,	401 00
Memorial Day,	200 00
State Aid,	1600 00
Military Aid,	300 00
Insurance,	300 00
Hay Scales,	105 50
Andover Waterworks,	30042 67
Horses and Drivers,	3000 00
State Tax, \$14190.76, and Bank Tax, \$2558.56,	16778 32
County Tax,	6000 00
Dog Tax,	506 57
Abatement of Taxes,	300 00
Notes Discounted,	85000 00
Interest on Notes, Funds, and Bonds,	10000 00
Almshouse Expenses,	5556 10
Relief out of Almshouse,	5606 02
Repairs on Almshouse,	300 00
Sewerage,	1000 00
Abbott Village School-house,	852 22
Morton Street Extension,	236 03
Silas Buck,	150 00
Hose Carriage,	300 00
Miscellaneous,	1500 00

## SUMMARY OF SELECTMEN'S ORDERS.

Schools,	\$17000 00
School-houses,	23199 67
School-books and School supplies,	1798 14
Highways and Bridges,	4987 43
Sidewalks,	448 18
Removing Snow,	712 51
Town Officers,	5000 00
Town House,	781 25
Street Lighting,	4177 15
Printing and Stationery,	728 34
Fire Department,	1998 63
Spring Grove Cemetery,	392 03
Memorial Day,	200 00
State Aid,	1744 00
Military Aid,	192 00
Insurance,	676 61
Hay Scales,	82 39
Andover Waterworks,	19643 85
Horses and Drivers,	2816 16
State and Bank Tax,	6383 95
County Tax,	5157 47
Dog Tax,	506 57
Abatement of Taxes,	331 04
Notes paid,	100000 00
Interest on Notes, Funds, and Bonds,	9810 87
Almshouse Expenses,	4458 08
Relief out of Almshouse,	6050 67
Repairs on Almshouse,	285 50
Sewerage and Parks,	987 93
Abbott Village School-house,	852 22
Morton Street Extension,	236 03
Silas Buck's Horse,	150 00
Hose Carriage,	300 00
Miscellaneous,	1293 99



# Schedule of Town Property.

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Town House, fixtures, and furniture,	\$22000 00
Land,	4000 00
School-house property,	113000 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	8000 00
Town Farm and buildings,	12000 00
Personal property at Town Farm,	3585 00
Two Engine-houses and Shed,	12000 00
Two Steam Fire-engines and apparatus,	10000 00
One Hand-engine and apparatus,	200 00
One Hook and Ladder Truck,	400 00
Five Horses,	1000 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Waterworks Property,	185000 00
Six Reservoirs,	2000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safe in Town House,	450 00
Weights and measures,	325 00
Total,	<u>\$517,710 00</u>

# Overseers of Poor.

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The management of the Alms house by Mr. and Mrs. Geo. L. Burnham has been very satisfactory to the Overseers. The inmates have been well cared for, and we note an increase in the receipts from the farm.

The house has been visited by the State Inspector and highly commended.

The running expenses of the house will be about the same.

## ALMSHOUSE EXPENSES.

Appropriation, March 5th,		\$4000 00
J. P. Wakefield, provisions,	\$164 84	
D. F. McCarthy, groceries,	90 56	
T. J. Farmer, fish,	64 98	
Henry McLawlin, hardware,	98 43	
C. F. Mayer & Son, harness and repairs,	55 30	
C. H. Murch & Co., manure,	230 38	
George L. Burnham, superintendent,	717 11	
G. Louis Burnham, labor,	129 00	
William G. Brown, provisions,	32 59	
Charles G. Hussey, washing,	20 10	
George H. Parker, medicine,	16 35	
George O. Adams, repairs on electric bell,	2 00	
C. S. Young, apples,	7 45	
Lizzie S. Hayward, housework,	218 00	
J. P. Driscoll, labor,	38 75	
Richard Tyner & Co., sleigh,	65 00	
H. K. Webster, & Co., grain,	13 20	
H. F. Chase, supplies,	1 80	
Smith and Manning, groceries,	478 62	
<i>Amount carried forward,</i>	<u>\$2444 46</u>	

Appropriation, March 5th,	\$4000
<i>Amount brought forward,</i>	\$2144 46
Beach Soap Co., soap,	24 00
J. E. Sears, shoes,	33 86
William Poor, wagon work,	56 00
B. H. Wiggin, cows,	90 00
James H. Cullen, sawing lumber,	13 73
George F. Williams, pigs,	14 00
Frank E. Gleason, manure,	24 00
E. W. Pierce, grain,	174 40
Town of Andover, manure,	30 00
Anderson & Bowman, blacksmith work,	40 25
J. E. Whiting, clock repairing,	6 00
F. Putnam & Co., potatoes,	19 00
Schlegel & Fottler, seeds,	22 90
George L. Averill, cedar posts, etc.,	21 98
Jerry Sullivan, labor,	65 95
Bicknell Brothers, clothing,	40 67
T. A. Holt and Co., groceries,	327 65
F. M. Vietor, grain and seeds,	27 26
J. E. Hutcheson fish,	25 11
J. H. Campion & Co., groceries,	5 68
J. H. Russell, tomato plants,	5 00
Valpey Brothers, provisions,	143 46
Peter D. Smith, planting corn,	3 00
Glover and Whitecomb, husks,	12 18
T. P. Harriman, blacksmith work,	16 35
F. E. Gleason, coal,	214 00
H. P. Noyes, furniture,	10 18
E. C. Pike, supplies,	11 39
Boston and Maine Railroad, freight,	1 23
Treat Hardware Co., tile,	5 48
George Saunders, supplies,	2 90
L. H. Eames, provisions,	53 56
William Oswald & Co., dry goods,	25 12
J. W. Barnard & Son, shoes,	6 60
<i>Amount carried forward,</i>	\$4017 35

Appropriation, March 5th,		\$4000 00
<i>Amount brought forward,</i>	\$4017 35	
H. J. Bowden, fruit trees,	8 50	
George S. Fuller, veterinary services,	2 50	
B. F. Holt, ice,	13 50	
A. B. Bruce, bread, etc.,	76 86	
Benjamin Brown, shoes,	2 00	
Reid & Hughes, dry goods,	76 72	
Arthur Bliss, medicine,	25 65	
William Morrison, labor,	235 00	
Total expenditure,	<hr/>	\$4458 08
Overdrawn,		<hr/> <u>\$458 08</u>

## REPAIRS ON ALMSHOUSE.

Appropriation, March 5th,		\$300 00
J. W. Marden, painting,	\$42 50	
E. C. Pike, labor and stock,	114 58	
M. E. White, labor and stock,	27 03	
William O'Connell, labor and stock,	35 35	
Brainard Cummings, labor and stock,	34 00	
Hardy & Cole, labor and stock,	19 07	
W. E. Rice, wall paper, etc.,	11 72	
William Poor, wagon work,	1 25	
Total expenditure,	<hr/>	\$285 50
Balance unexpended,		<hr/> <u>\$14 50</u>

## RELIEF OUT OF ALMSHOUSE.

Appropriation, March 5th,		\$5000 00
Mrs. Jessie Baxter,	\$90 20	
Walter Bailey,	72 00	
Charles Baker,	1 50	
Mrs. Mary Comber,	166 00	
Mrs. Hannah Connelly,	61 50	
<i>Amount carried forward,</i>	<hr/>	\$391 20

Appropriation,		\$5000
<i>Amount brought forward,</i>	\$391 20	
Mrs. Ellen Connors,	53 95	
Mrs. Julia Cotter,	78 70	
George Craig,	96 00	
Mrs. Robertina Crockett,	112 47	
Daniel Daley,	90 00	
Mary Donahue,	50 13	
Kate Forsaith,	54 60	
Mrs. Mary A. Fenlason,	156 50	
Mrs. Susan Goodwin,	66 20	
Joseph Hird,	39 20	
Johannah Holland,	96 00	
Elizabeth Hayes,	23 05	
Mary Jane Holt,	25 00	
Mary E. Hastings,	15 20	
Charles Holt,	2 00	
Martha Hird,	16 00	
Henry M. Hovey,	25 00	
Delina Jones,	6 50	
Mary Lord,	127 50	
Mary B. Lord,	35 00	
John D. Lynch,	78 50	
Rossetta Morrison,	56 00	
Mrs. L. M. Mason,	73 55	
Bernard F. McEnroe,	92	
Mrs. Patrick McMullen,	5 00	
Nancy Nichols,	24 00	
Mrs. William B. Osgood,	120 78	
Arthur Parker,	52	
Mrs. John Porter,	19 00	
Child of Mrs. Annie Qualey,	104 29	
Mrs. Kate Rogers,	136 19	
Mrs. Stevenson,	85	
Mrs. Kate Tobin,	125 75	
Michael Troy,	109 37	
	—————	\$2023 72
<i>Amount carried forward,</i>	\$2414 92	

Appropriation, \$5000 00

<i>Amount brought forward,</i>		\$2414 92
Mrs. Ann Welch,	19 00	
Child of William Warden,	80 00	
Gertrude Wardman,	33 00	
Mrs. William Warden,	2 25	
Edward White,	70	
Headstones for paupers' graves,	12 00	
	————	\$146 95

#### SOLDIERS' RELIEF.

Benjamin Cheever,	\$96 00	
Samuel O. Cheever,	11 50	
Elmore Dane,	108 00	
Mrs. Ann Hunter,	58 75	
William S. Hodgman,	65 13	
Ann O'Hearne,	61 95	
Winslow Russell,	15 04	
Mrs. Emma Shattuck,	104 18	
	————	\$520 55

#### PAID ON ACCOUNT OF COMMONWEALTH.

Mr. Cutler,	\$3 80	
Moses W. Dearborn,	45 11	
F. W. Dunraven,	4 19	
Jessie Johnson,	38 50	
W. J. Reed,	56 50	
Maria Stewart,	3 50	
	————	\$151 60

#### PAID ON ACCOUNT OF CITIES AND TOWNS.

Lynn, Miss Lizzie A. Abbott,	64 00	
Methuen, Charles Randall,	96 40	
Tewksbury, Mrs. Martha Shedd,	4 50	
	————	\$164 90
<i>Amount carried forward,</i>		\$3398 92

Appropriation,	\$5000 0
<i>Amount brought forward,</i>	\$3398 92

PAID ON ACCOUNT OF CITIES AND TOWNS.  
SOLDIERS' RELIEF.

No. Reading, Caroline McIntire,	\$54 50
Billerica, Eliza Pasho,	16 00
	<hr/> \$70 50

PAID CITIES AND TOWNS.

Lawrence, Mrs. J. M. Abbott,	90 00
Lawrence, Mrs. Mary Abbott,	4 00
No. Andover, Mrs. R. Crockett,	113 61
Chelsea, William L. Dennis,	10 00
Boston, Mrs. Nathan H. Gray.	10 90
Danvers, John A. Holt,	5 50
West Newbury, G. A. Shattuck,	35 85
Lynn, L. Wardwell and child,	79 60
Lawrence, Edward Hannon,	1 75
Rockland, Sariah D. Nolan,	75 00
Maynard, Mary Ann Pearson,	30 46
	<hr/> \$456 67

PAID CITIES AND TOWNS.—SOLDIERS' RELIEF.

Lawrence, Miss Jane Lindsay,	78 75
	<hr/> \$78 75

LUNATIC HOSPITALS.

Danvers, Bridget Dwane,	\$169 45
Danvers, Bridget Hayes,	169 45
Danvers, Olga Mayer,	169 46
Danvers, William B. Osgood,	169 46
	<hr/> \$677 82
<i>Amount carried forward,</i>	\$4682 66



Appropriation,		\$5000 00
<i>Amount brought forward,</i>	\$4682 66	
Danvers, Peter Riley and wife,	378 38	
Danvers, George F. Stevens,	169 46	
Danvers, Henry Smith,	169 45	
Tewksbury, Isabella Johnson,	56 80	
	<hr/>	\$774 09
Total expenditure,		\$5456 75
Overdrawn,		<hr/>
		<hr/>

## SUMMARY OF OVERSEERS' ORDERS.

Total Appropriation, March 5th,		\$9300 00
Almshouse expenses,	\$4458 08	
Relief out of Almshouse,	5456 75	
Repairs on Almshouse,	285 50	
Total expenditure,	<hr/>	\$10200 33
Overdrawn,		<hr/>
		<hr/>

## REPRESENTATIVE FUND.

The interest on this fund has been given this year to Mrs. Mary Fenlason.

Respectfully submitted,

ARTHUR BLISS,	} <i>Overseers</i>
SAM'L H. BOUTWELL,	
JOHN S. STARK,	

*of Poor.*

## ALMSHOUSE.

Whole number of paupers in Almshouse during the year, 27

Whole number of weeks' board, 1272

Average weekly expense for each inmate, first deducting the amount sold from the farm from the expense of the Almshouse, was \$2 20

Whole number of tramps, 2003, costing \$76.86 to feed them.

## REMAINING IN ALMSHOUSE.

Between eighty and ninety,	3
Between seventy and eighty,	3
Between sixty and seventy,	2
Between fifty and sixty,	1
Between forty and fifty,	3
Between thirty and forty,	4
Between twenty and thirty,	0
Between ten and twenty,	2
Between one and ten,	0
Under one,	1
Total,	<hr/> 19

Number at beginning of the year, 22

Number admitted, 6

Number discharged, 5

Number died, 3

Martin Hovey, died Jan. 13, 1894, aged 72 years.

Nancy Nichols, died Aug. 19, 1894, aged 88 years.

Mary Jane Holt died Dec. 15, 1894, aged 68 years.

## PERSONAL PROPERTY AT THE ALMSHOUSE.

Household furniture,	\$1000 00
Clothing,	600 00
Farm stock,	500 00
Farm tools,	650 00
Farm produce,	500 00
Fuel and lumber,	200 00
Provisions,	150 00
Total,	<u>\$3600 00</u>

## SUPERINTENDENT'S FARM ACCOUNT.

## DR.

To cash received for	
Hay,	\$131 92
Vegetables,	529 70
Eggs and Poultry,	27 25
Labor,	64 95
Cows,	275 00
Hogs,	114 72
Sand,	27 50
Board of Colt,	7 50
Milk,	44 84
Rye and Straw,	35 45
Wood,	7 50
Lumber,	24 77
	<u>\$1591 10</u>

## CR.

By cash paid Town Treasurer,	\$1556 10
Bills receivable,	35 00
	<u>\$1591 10</u>

GEO. L. BURNHAM,

SUPERINTENDENT.

# Fire Department.

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## REPORT OF THE CHIEF ENGINEER.

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TO THE BOARD OF SELECTMEN :

*Gentlemen,*— In compliance with the regulation of the Fire Department, I submit the following report.

The force of the Department consists of four engineers, twenty-two members of Andover Steamer, Co. No. 1, and B. F. Smith Hook and Ladder Truck, and ten members of the J. P. Bradlee Hose Co., No. 1.

The apparatus consists of two third class steam fire-engines, with hose-carriage for each, one two-horse hose-carriage, one hook and ladder truck, one one-horse hose wagon, and one supply wagon. There are about four thousand five hundred feet of hose in good condition.

There have been thirty-three alarms of fire the past year :

- Feb. 23. Fire in Grammar School building.
- Mar. 2. Estate of David Jameson.
- Apr. 2. Fire, house of George Ripley.
- Apr. 30. Brush fire, Ballard Vale.
- May 2. Brush fire, Frye Village.
- May 4. Fire, Smith Hall, Abbot Academy.
- May 10. Fire, house of J. W. Barnard.
- May 10. Brush fire, near J. B. Jenkins'.
- May 16. Brush fire near S. M. Jones'.
- May 17. Brush fire near S. M. Jones'.
- May 17. Brush fire, near Geo. H. Coffin's, Ballard Vale.
- June 15. Brush fire on F. E. Gleason's land, Ballard Vale.

- June 16. Brush fire in Paul Hannigan's swamp.  
 June 24. Brush fire in Paul Hannigan's swamp.  
 June 28. Brush fire in Paul Hannigan's swamp.  
 June 27. Brush fire on Tewksbury street, Ballard Vale.  
 July 1. Brush fire on land of Bay State Brick Company, Ballard Vale.  
 July 4. Fire in George Ripley's house, near Cemetery.  
 July 4. Fire in John H. Flint's slaughter house.  
 July 4. Fire in tenement of Smith & Dove Manufacturing Company, Frye Village.  
 July 8. Fire in Club House, Pierson Street.  
 July 19. Brush fire in Carter's woods.  
 July 14. Fire in Elm House.  
 Aug. 18. Fire in Smith & Dove Manufacturing Company's coal shed on Railroad street.  
 Sept. 3. Fire in Brick house.  
 Oct. 16. Fire in house and barn of Fannie White, Ballard Vale.  
 Oct. 19. Fire in house F. H. E. Kendall.  
 Nov. 7. Fire in store of J. W. Dean.  
 Nov. 8. Fire in St. Augustine's Catholic Church.  
 Nov. 28. Fire in Albert Clement's barn, Ballard Vale.  
 Jan. 3, 1895. Fire in house of John Lawson, Baker Lane.  
 Jan. 5, 1895. Fire in house of W. S. Jenkins.  
 Jan. 27, 1895. False alarm, store of P. J. Hannon.

#### SCHEDULE OF PROPERTY.

Two Engine-houses and shed,	\$12000 00
Two Steam fire-engines and apparatus,	6000 00
Three horses and harnesses,	500 00
B. F. Smith hook and ladder truck,	250 00
Total,	<u>\$18750 00</u>

I recommend an appropriation of \$2500 for the running expenses of the ensuing year, and \$500 for hose.

Respectfully submitted,

LEWIS T. HARDY,

Andover, Mass., Jan. 30, 1895.

CHIEF ENGINEER.

# Police Department.

## REPORT OF CHIEF OF POLICE.

TO THE BOARD OF SELECTMEN :

*Gentlemen,*— In compliance with the regulation of the Police Department, I submit my first annual report.

### ARRESTS.

There have been forty-four arrests, for the following causes :

Assault with intent to rape,	2
Assault, simple,	10
Breaking and entering,	1
Cruelty to Animals,	1
Disturbing the peace,	6
Drunkennes's,	6
For out-of-town officers,	2
Gunning on Sunday,	2
Insane,	4
Illegal sale of liquor,	1
Larcency,	4
Polygamy,	1
Malicious mischief,	4
Whole number of arrests,	— 44

Disposal of cases :

Bound over to Grand Jury,	4
Committed to Lawrence Jail,	2
Committed to Danvers Insane Asylum,	2
Committed to Tewksbury Almshouse,	2

## Disposal of cases :

Committed to Concord,	1
Discharged at court,	4
Paid fines,	25
Appealed to Superior Court and furnished bonds,	1
Prisoners turned over to out of town officers,	2

## MISCELLANEOUS.

Burglaries reported,	4
Doors found open in stores and secured,	4
Windows found open in stores and closed,	6
Number of dogs killed,	8
Persons locked up,	23
Stray teams cared for,	3
Amount of fines paid,	\$225 00
Value of property reported stolen,	\$125 00
Value of equipments in the hands of Police,	100 00

There have been 260 gallons of lager beer seized and turned over to the Chief of the Massachusetts District Police Force.

Owing to the fact of being Chief only a part of the year and not having a complete record to June, I cannot make as full a report as I would like to.

Respectfully submitted,

GEORGE W. MEARS,

CHIEF OF POLICE.

ANDOVER, Mass., February 6, 1895.



# Cemetery Committee

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The Cemetery Committee herewith submit ther annual report, with a statement of the receipts and expenditures for the year ending January 1, 1895.

New stones have been erected at the graves in the Potter's Field and about two acres of underbrush cleared. As the demand for lots increases a new plan of the unplatted portion of the cemetery will be necessary to prepare it for burial purposes. The grounds have been well cared for and the committee are of the opinion that they never were in better condition than during the past year. As it is necessary to clear the walks and drives and cut the grass several times during the season, we would ask for \$300 in addition to the sale of lots, thereby giving the committee an opportunity to purchase a horse lawn mower.

WM. S. JENKINS,  
JAMES P. BUTTERFIELD,  
JOHN L. SMITH,  
GEORGE W. FOSTER,  
F. G. HAYNES,  
CHARLES GREENE,  
OLIVER VENNARD.

CEMETERY COMMITTEE.

## SUPERINTENDENT'S REPORT.

## CR.

Appropriation,	\$200 00	
Sale of lots,	201 00	
	<u>          </u>	\$401 00

## DR

Selectmen's Orders,		\$393 03
Balance unexpended,		<u>      \$8 97      </u>

Received from the Town as per last Report,	\$10911 02	
Received from the Town this year,	200 00	
Received from sale of lots, wood, grass, etc.,	6110 05	

      \$17221 07      

Less overpaid,           967 06          

      \$16254 01      

Cost of land, \$3000 00

Cost of improvements, as per  
last Report, \$12,853 01

Cost of improvements this year,       392 03      

      \$16245 04      

Balance unexpended,       8 97      

      \$16254 01      

Lots sold as per last Report, 205

Lots sold this year, 8

                  213

Whole number of single graves sold, 30

Interments as per last report, 423

Interments this year,       27      

                  450

Respectfully submitted,

O. W. VENNARD,

SUPERINTENDENT.

# Tax Collector's Account.

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*Abraham Marland in Account with the Town of Andover.*

DR.

Amount due Town on 1891 Taxes, as by Report January 10, 1894,	\$118 67
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CR.

Amount collected,	\$29 04	
Amount uncollected,	89 63	
	<hr/>	\$118 67
Interest on Taxes, 1891 List,		<hr/> <hr/> \$2 92

DR.

Amount due Town on 1892 Taxes, as by Report January 10, 1894,	\$815 35
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CR.

Amount collected,	\$289 20	
Amount abated and remitted,	1 30	
Amount uncollected,	524 85	
	<hr/>	\$815 35
Interest on Taxes 1892 List,		<hr/> <hr/> \$17 30

DR.

Amount due Town on 1893 Taxes, as by Report	
January 10, 1894,	\$8371 66

CR.

Amount collected,	\$5470 68	
Amount abated and remitted,	184 48	
Amount uncollected,	2716 50	
	<u>          </u>	\$8371 66
		<u>          </u>
Interest on Taxes, 1893 List,		\$110 71
		<u>          </u>

DR.

Assessors' List of Taxes, 1894,	\$76325 74
Andover National Bank Tax,	3448 50
	<u>          </u> \$79774 24

CR.

Amount collected,	\$71412 98	
Amount abated and remitted,	73 26	
Amount uncollected,	8288 00	
	<u>          </u>	\$79774 24
		<u>          </u>

ABRAHAM MARLAND,

COLLECTOR.

ANDOVER, January 15, 1895.

# Treasurer's Account.

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## LIABILITIES.

Trustees of Memorial Hall, Notes,	\$25000 00
Notes,	29000 00
Water Bonds,	152000 00
Interest on Notes and Bonds,	1656 66
Unpaid Bills Jan. 5, 1895, (estimated),	3000 00
	<hr/> \$210656 66

## ASSETS.

Cash on hand, Town Funds,	\$ 195 38
Cash on hand, Waterworks,	2020 38
Sinking Funds,	2755 28
Due from Cities and Towns,	235 40
Commonwealth, State Aid,	1744 00
Commonwealth, Military Aid,	96 00
Commonwealth, Pauper Account,	147 80
Use of Stone Crusher,	200 00
Uncollected Taxes, 1891,	89 63
Uncollected Taxes, 1892,	524 85
Uncollected Taxes, 1893,	2716 50
Uncollected Taxes, 1894,	8281 05
	<hr/> \$19006 27
Balance against the Town,	<hr/> \$191650 39 <hr/>

## WATERWORKS.

*George A. Parker, Treasurer, in account with the Town of Andover.*

## DR.

Balance on hand, January 9th, 1894,	\$2063 46
Maintenance,	4800 00
Service-pipe,	3520 77
Interest,	6280 00
Redemption of Bonds,	5000 00
	<hr/>
	\$21664 23

## CR.

Orders paid,	\$8745 85
Bonds Redeemed,	5000 00
Interest on Bonds,	5900 00
Balance, Andover National Bank,	2020 38
	<hr/>
	\$21664 23

Bonds Nos. 21 to 25 inclusive were redeemed November 1, 1894.

\$600 of above amount is held for November and December ber coupons not yet presented.

## WARE SIDEWALK FUND.

Balance, January 9th, 1894,	\$77 54
Interest,	5 50
	<hr/>
	80 84

## CR.

Deposited in Andover Savings Bank,	<hr/>
	\$80 84

GEO. A. PARKER,

TREASURER.

ANDOVER, Jan. 15, 1894.

## GEORGE A. PARKER, TREASURER, IN

DR.

Balance from last year,	\$129 95
Commonwealth, Corporation Tax,	8190 76
Commonwealth, Bank Tax,	2558 56
Commonwealth, State Aid,	1639 00
Commonwealth, Military Aid,	114 00
Commonwealth, Burial of Pauper,	15 00
A. Marland, Collector, 1891, taxes and interest,	31 96
A. Marland, Collector, 1892, taxes, interest, and abatements,	307 80
A. Marland, Collector, 1893, taxes, interest, and abatements,	5765 87
A. Marland, Collector, 1894, taxes, interest, and abatements,	71539 68
Cities and Towns,	297 89
Andover National Bank, Notes,	40000 00
Curtis & Motley, Note,	15000 00
C. I. Dorr & Co., Notes,	40000 00
Premium on Notes,	3 00
Town House Rents,	642 75
Ballardvale rents,	325 00
Licenses,	50 50
Income from Town Farm,	1556 10
Spring Grove Cemetery, Lots Sold,	201 00
Books Sold,	16 12
Annie Youngson, Relief out, Refunded,	13 40
Relief out, Refunded,	50 56
Roadwash and Gravel Sold,	65 75
L. L. & H. Street Railway, Snow and Paving,	109 05
Hay Scales,	55 50
Geo. H. Poor, Fines,	245 00
Insurance,	150 00 00
Water Rates,	83 78 44
Trustees Proprietors' Fund,	132 38
J. Tote & Son, Use of Engine,	30 00
Concreting Sidewalk,	25 74
Rebate on Desks,	11 24
Rope and Stone Sold,	3 00
School Committee, Boiler,	350 00
A. Marland, Fees,	85 10
Henry Cunningham, Coal,	5 00
E. Pike, Junk,	31 46
Abbott Village School House,	120 00
Drainage, Main Street,	38 00
County Treasurer, Dog Tax,	506 57

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\$214183 19



## ACCOUNT WITH THE TOWN OF ANDOVER.

Cr.

## Cash paid Selectmen's Orders :

Schools,	\$17000 00
Schoolhouses,	2999 60
Books and Supplies,	1798 14
Highways,	4987 43
Horses and Drivers,	2816 16
Snow,	712 51
Fire Department,	1998 63
Sidewalks,	448 18
Street Lighting,	4177 15
Interest,	9810 87
Insurance,	676 61
Town House,	781 25
Town Officers,	5000 00
Abatements,	331 04
Miscellaneous,	1239 99
Spring Grove Cemetery,	392 03
Notes Paid,	100000 00
Sewage and Parks,	987 93
New Grammar School,	20199 07
County Tax,	5157 47
Redemption of Bonds,	5000 00
Hay Scales,	82 39
Memorial Day,	200 00
Maintenance,	4800 00
Silas Buck's Horse,	150 00
Morton Street Extension,	236 03
Abbott Village Schoolhouse,	852 22
Sinking Fund,	450 00
State Tax,	6383 95
Hose Carriage,	300 00
Printing and Stationery,	728 34
Dog Tax,	506 57

## Overseers' Orders :

Alms-house,	4458 08
Alms-house Repairs,	285 50
Relief Out,	6050 67
State Aid,	1744 00
Military Aid,	192 00
Cash on Hand,	195 38

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\$214183 19

## SINKING FUNDS.

## No. 1.

Balance last year,	\$1689 40	
Received from Town,	150 00	
Interest, Andover Savings Bank,	43 81	
Interest, Essex Savings Bank,	32 30	
Interest, City Institution for Savings,	4 51	
	<hr/>	\$1920 02

## CR.

Deposited in Andover Savings Bank,	\$1007 36	
Deposited in Essex Savings Bank,	758 15	
Deposited in City Institution for Sav- ings, Lowell,	154 51	
	<hr/>	\$1920 02

## No. 2.

Balance last year,	\$501 31	
Received from Town,	150 00	
Interest, Broadway Savings Bank,	23 24	
	<hr/>	\$674 55

## CR.

Deposited in Broadway Savings Bank,	\$674 55
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## No. 3.

Balance last year,	\$ 7 50	
Received from Town,	150 00	
Interest, Andover Savings Bank,	3 21	
	<hr/>	\$160 71

## CR.

Deposited in Andover Savings Bank,	\$160 71
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GEORGE A. PARKER,

TREASURER SINKING FUND.

Andover, Jan. 9, 1894.

## Auditors' Certificate.

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We have examined the accounts of the Town Officers, and find them correct, with satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank two thousand and twenty dollars and thirty-eight cents (\$2020.38) to the credit of the water loan, and one hundred and ninety-five dollars and thirty-eight cents (\$195.38) town funds.

LEWIS T. HARDY,  
LOUIS A. DANE,

AUDITORS.

ANDOVER, MASS., Jan. 28, 1895.

# Memorial Hall.

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## TWENTY-THIRD ANNUAL REPORT OF TRUSTEES.

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The varied and valuable work of the Memorial Hall Library has gone on for the year 1894. quietly, regularly, without interruption or special innovation. but we believe to the increasing acceptance and advantage to all classes of the community.

The arrangement for special delivery of books in the remoter districts of the town, inaugurated during the year, has proved very satisfactory. One hundred and thirty-eight cards have been taken out in the four districts visited by the carrier — mostly by new patrons of the library — and nearly twenty-five hundred volumes circulated.

Many of the teachers in the public schools have availed themselves of the privilege of drawing several volumes at once, for special use in their class rooms. A considerable number of books relating to the temperance reform has been recently added to the Library, on account of the special fund given by the Woman's Christian Temperance Union.

The trustees have received during the year from the estate of the late Mr. John Cornell his bequest of ten thousand dollars, and have invested the same, pending its appropriation to the purposes specified by him. A donation of \$102 has also been received from the Andover Farmers' Club, on the occasion of the disbandment of that organization.

Maj. George T. Clark, a native of Andover, has presented to the Library, in a bound form, valuable pamphlets relating

to the early history of the "Andover and Wilmington Railroad," an example, which if followed by other past or present citizens of Andover, might secure for preservation and reference documents and articles of special interest in connection with the approaching anniversary celebration of the town.

Early in the year a letter was received from Mrs. John Byers, generously offering to furnish a complete card catalogue of the Library. This offer was gratefully accepted, and an accomplished expert, employed by her, has been engaged for several months in preparing the catalogue, which will be probably finished during the present year.

Respectfully submitted,

JOSEPH W. SMITH,  
FRANCIS H. JOHNSON,  
E. KENDALL JENKINS,  
JAMES B. SMITH,  
JOSEPH A. SMART,  
GEO. W. FOSTER,  
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 12, 1895.

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This certifies that we have examined the Treasurer's account, and find the same correctly cast and properly vouched.

E. KENDALL JENKINS,  
JAMES B. SMITH,

COMMITTEE OF ACCOUNTS.

ANDOVER, Feb. 15, 1894.

## JOSEPH A. SMART, TREASURER OF MEMORIAL HALL

Jan. 26, 1894	To cash balance from last account,	\$839 70
Jan. 31, "	City Institute for Savings, interest,	4 02
Feb. 5, "	Town Treasurer, electric light,	30 96
Apr. 10, "	Donation from the Farmers' Club,	102 00
Apr. 16, "	Estate of John Cornell, legacy,	10000 00
May 7, "	Interest on Town Notes,	1400 00
Oct. 29, "	Pacific Guano Company, Note-Dividend,	203 25
Ncv. 23, "	Estate of Edward Taylor, legacy,	100 00
Nov. 26, "	Broadway Savings Bank, interest,	27 36
Dec. 21, "	Fines and Rents,	59 31
Jan. 4, 1895	City Institution for Savings, interest,	20 00
Jan. 22, "	Town Treasurer, dog tax,	506 57

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 \$13293 17

## IN ACCOUNT WITH TOWN OF ANDOVER MASS.

## John Cornell Fund :

Deposited in Andover Savings Bank,	\$1000 00	
Deposited in Broadway Savings Bank,	1000 00	
Deposited in Essex Savings Bank,	1000 00	
Deposited in Central Savings Bank, Lowell,	1000 00	
Deposited in City Institution for Savings, Lowell,	1000 00	
Invested in first mortgage,	5000 00	10000 00
Deposited in Broadway Savings Bank,		203 25
Deposited in Andover Savings Bank,		100 00
Ballard Holt, salary,	\$720 00	
James O. Bradshaw, salary,	89 00	809 00
Little, Brown & Co., books,	286 02	
Worcester Willey, books,	3 00	
Balch Brothers, books,	12 50	
A J. Maker, books,	6 00	307 52
John N. Cole, periodicals,	116 80	
J. H. Chandler, papers,	29 25	
New England Homestead,	1 50	
Andover Townsman, 2 copies,	4 00	151 55
J. F. Barnard & Co., binding,		91 89
Ballard Holt, sundries,	48 76	
George W. Chandler, coal,	150 00	
Brown's Express,	8 75	
Andover Press, supplies,	66 25	
Hardy & Cole, labor,	8 90	
M. T. Walsh, labor,	10 55	
William Wood, labor,	4 62	
John N. Cole, supplies,	8 65	
Moore's E. White, labor,	23 78	
Treasurer's bond,	7 50	
Andover Electric Company,	150 78	488 54
Henry K. Flint, district carrier,		56 00
		<hr/>
		\$12,207 75
Jan. 25, Cash on hand to balance,		1085 42
		<hr/>
		\$13293 17



# Punchard Free School.

The Trustees of the Punchard Free School submit to the Town the following account of the condition of the Fund, and of the Receipts and Expenses for the year ending December 31st, 1894.

## PRINCIPAL.

Principal Fund December 31st, 1894,	\$75005 00
This is invested in :	
Real Estate Mortgages,	\$74075 00
Deposit in Savings Bank,	55 00
Deposit in National Bank,	875 00
	<u>\$75005 00</u>

## INCOME.

Amount on hand December 31st, 1893,	\$2675 21
Interest on loans and deposits in 1894,	4441 73
From book assessment Fall Term,	120 00
	<u>\$7236 94</u>
Expended in 1894,	\$4876 67
Balance on hand December 31st, 1893,	2360 27
	<u>\$7236 94</u>

FREDERIC PALMER,	HORACE H. TYER,
FRANK R. SHIPMAN,	GEORGE H. POOR,
GEORGE GOULD,	SAM'L H. BOUTWELL,
CHARLES H. GILBERT,	

TRUSTEES.

## Treasurer's Statement.

Frank O. Baldwin, Principal,	\$1080 00
Allen Latham, Principal,	600 00
Mary E. Dern, 1st Assistant,	600 00
Mary Alice Abbott, 2d Assistant,	550 00
Edith L. Taft, 3d Assistant,	582 00
George Frésé, Music Teacher,	80 00
Florence Chandler, services,	10 00
H. F. Ellenwood, services,	10 00
Curtis M. Baldwin, janitor,	250 00
Frederick Palmer, Chairman Visiting Committee,	100 00
Geo. H. Poor, Treasurer,	200 00
Andover Press, printing,	21 50
John N. Cole, books and supplies,	207 22
American Book Company, books,	23 20
D. Appleton & Co., books,	3 34
Allyn & Bacon, books,	2 00
D. C. Heath & Co., books,	6 30
Ginn and Co., books,	79 00
Leach, Shewell, and Sanborn, books,	16 17
C. Schoenhof, books,	6 08
Greenough, Adams, & Co., binding,	7 20
T. A. Holt and Co., supplies,	7 28
Boston School Supply Co., books,	3 20
Franklin Educational Co., books,	1 10
George Frésé, music,	5 00
Frank O. Baldwin, supplies,	3 54
Allen Latham, supplies,	12 72
George W. Chandler, fuel,	217 88
Brainard Cummings, repairs,	38 03
F. A. Dinsmore, repairs,	5 00
M. T. Walsh, repairs,	3 85
M. E. White, repairs,	5 75
Henry P. Noyes, repairs,	15 15
C. C. Bourne, tuning,	2 50
G. H. Parker, chemicals,	32 98
G C. Cannon, filling diplomas,	4 00
H. Cunnningham, labor.	5 50
Frederick Palmer, expense,	2 94
<i>Amount carried forward,</i>	<u>\$4800 43</u>

<i>Amount brought forward,</i>	\$4800 43
American Express Co., express,	1 20
Benj. B. Tuttle, express,	8 10
George Saunders, repairs,	2 55
W. G. Goldsmith, stamps and cards,	3 20
H. McLawlin, supplies,	1 19
William Wood, repairs,	60 00
Total expenses,	\$4876 67

Balance of income December 31st, 1894 :

Deposited in Broadway Savings Bank,	\$1000 00
Deposited in Essex Savings Bank,	1000 00
Deposited in Andover National Bank,	282 47
Cash,	77 80 2360 27
	<u>\$7236 94</u>

GEO. H. POOR,

TREASURER.

January 1,<sup>st</sup> 1895.

Examined, and found correct.

GEORGE GOULD,

CHARLES H. GILBERT,

AUDITORS.

January 25, 1895.

## Cornell Fund.

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Amount of fund,		\$5000 00
Deposited in Savings Bank,		5000 00
Dividends,		80 00
		<hr/>
Amount expended for wood and coal,	\$46 13	
Cash on hand,	33 87	
	<hr/>	\$80 00
		<hr/> <hr/>

FRANK E. GLEASON, }  
 JOSEPH A. SMART, } *Trustees.*  
 CHARLES GREENE, }

ANDOVER, MASS., Feb. 12, 1895.

# Finance Committee.

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## RECOMMENDATIONS FOR YEAR 1895.

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Schools,	\$17500 00
School-Houses,	3000 00
School-Books and Supplies,	1500 00
Highways and Bridges,	5000 00
Sidewalks,	1000 00
Removing Snow,	500 00
Town Officers,	5000 00
Town House,	1000 00
Waterworks, Maintenance,	4400 00
Fire Department,	2700 00
Horses and Drivers,	3000 00
Street Lighting,	3300 00
Printing and Stationery,	700 00
Spring Grove Cemetery,	200 00
Memorial Day,	200 00
State Aid,	1600 00
Military Aid,	300 00
Expenses of Almshouse,	4000 00
Relief out of Almshouse,	5000 00
Repairs on Almshouse,	400 00
State Tax,	6000 00
County Tax,	6000 00
Abatement of Taxes,	300 00
<i>Amount carried forward,</i>	<u>\$72600 00</u>

<i>Amount brought forward,</i>	\$72600 00
Interest on Notes, Funds, and Bonds,	9000 00
Insurance,	500 00
Hay Scales,	50 00
Miscellaneous,	1500 00
<b>Total,</b>	<u>\$83650 00</u>

Respectfully submitted, for the Committee,

ARTHUR BLISS,

*Chairman.*

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The Selectmen make the above recommendations for the ensuing year, as adopted by the Finance Committee:

ARTHUR BLISS,	} <i>Selectmen</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

# Town Warrant.

ESSEX, SS. To either of the Constables of the Town of  
Andover. GREETING :

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, and of North Andover as far as relate to the election of Trustees of the Punchard Free School, qualified to vote in town affairs, to meet and assemble at the Town House in said Andover, on Monday, the Fourth day of March, 1895, at Nine o'clock, A.M., to act on the following Articles, namely :

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, Board of Health, three members of the School Committee for three years, one Water Commissioner for three years, one Sewer Commissioner for three years, One Trustee of the Memorial Hall for seven years, Five Trustees of the Punchard Free School for three years, One or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question :  
“ Shall Licenses be granted for the Sale of Intoxicating Liquors in this Town ? ”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State Aid,



Military Aid, Waterworks, Interest on Bonds, Funds and Notes, State Tax, County Tax, Discount on Taxes, Abatement of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and other town charges and expenses.

Article 5th. — To hear the report of Sewer Commissioners and see what sum of money the Town will appropriate for the construction of a system of sewerage, and adopt the provisions of laws relating to sewers, and sewer assessments.

Article 6th. — To see if the Town will vote to discontinue the present Superintendent of Streets and appoint three highway surveyors, on petition of John Sweeney, Jr., and others.

Article 7th. — To see if the Town will cause an incandescent light to be erected at the corner of Park Street and Punchard Avenue and appropriate a sum of money to maintain the same, on petition of T. J. Farmer and others.

Article 8th. — To see if the Town will authorize the issue of fifteen thousand dollars (\$15000) of water bonds for the purchase of a new pumping engine, on petition of the Water Commissioners.

Article 9th. — To determine the method of collecting the taxes the ensuing year.

Article 10th. — To fix the pay of the Firemen for the ensuing year.

Article 11th. — To see if the Town will revise and accept the list of names for Jurors, prepared and posted by the Selectmen.

Article 12th. — To hear and act on the Reports of the Selectmen and other Town Officers.

Article 13th. — To hear and act on the Report and Recommendations of the committee on the 250th anniversary of the incorporation of Andover.

Article 14th. — To see if the Town will appropriate a sum of money to transfer the scholars from the Holt District

School to the Centre Schools, on petition of the School Committee.

Article 15th. — To see if the Town will revise and amend its By-Laws.

Article 16th. — To see if the Town will build a new School Building in the North District and appropriate a sum of money therefor, on petition of School Committee.

Article 17th. — To see what measures the Town will adopt for the better care of the public dump, and appropriate a sum of money therefor, if found necessary, on petition of Village Improvement Society.

Article 18th. — To see if the Town will appropriate a sum of money to be used to improve its land at the Railroad Station, on petition of Village Improvement.

Article 19. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.

Article 20. — To determine the amount of money to be raised by taxation the ensuing year.

Article 21st. — To determine the disposition of unexpended appropriations.

Article 22d. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands, at Andover, this Thirteenth day of February, in the year one thousand eight hundred and ninety-five.

ARTHUR BLISS,	} <i>Selectmen</i>
SAM'L H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

MEMORIAL HALL LIBRARY

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LIST OF ACCESSIONS

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BULLETIN No. 14, 1894



## REPORT OF LIBRARIAN.

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*To the Trustees of the Memorial Hall Library:*

GENTLEMEN,—I herewith respectfully submit to you my Annual Report for the year ending December 31, 1894.

### Comparative Statistics.

	1893.	1894.
Increased by purchase,	465	239
Increased by gift,	135	57
Increased by binding periodicals,	50	43
Total number of volumes in the Library,	13,109	13,448
Pamphlets presented during the year,	254	212
Total number of pamphlets in the Library,	7181	7393
Number of days the Library was open,	219	251
Number of volumes delivered :		
General delivery,	20,266	
Abbot District,	263	
Bailey District,	915	
North District,	269	
Osgood District,	983	
	<hr style="width: 10%; display: inline-block; vertical-align: middle;"/> 18,948	22,696
Largest daily issue,	218	233
Largest weekly issue,	514	613
Average daily issue,	76	90
Per-centage of juvenile and fiction circulated,	81	80
Number of books lost and paid for,	1	2
Notices to delinquent borrowers,	980	977
New names registered,	197	269
Total number of names registered,	5482	5751
Number of volumes covered anew,	1209	1253
Number of volumes bound,	180	160
Average daily attendance in Reading-room,	74	67
Volumes delivered for use in Reading-room,	641	733
Amount of fines collected,	\$51 02	\$53 18
Amount received for use of books,	4 70	4 24
Amount received for lost books,		1 89

## List of Donors.

	Vols.	Pamp.	Pap's.
Abbot Courant.		2	
Andover Farmers' Club:			
American Gardening for 1894.			
Rural New Yorker for 1894.			
Andover, Town of.	2		
Bell, John W.		25	
Board of Trade, Grand Rapids, Michigan.		1	
Boston Public Library.		1	
Briggs, N. A. Shaker Village, N. H.		12	
Cambridge Public Library.		1	
Carpenter, Rev. C. C.		1	
Childs, G. W. Philadelphia, Pa.		1	
Clark, G. T. Muskegon, Mich.	2		
Crane, A. M. Boston, Mass.		1	
Dow, Miss Elizabeth.	1		
Fall River Public Library.		1	
French, J. R. New Haven, Conn.		1	
Harris, Hon. W. T. Washington, D. C.	1		
Lanier, Mrs. Charles. New York, N. Y.	1		
Lawrence Public Library.		4	
Malden Public Library.		1	
Massachusetts, Commonwealth of.	24	1	
Middleton, Miss Jennie.		3	
Morton, Frank. San Francisco, Cal.		9	
Newton Free Library.		1	
"Our Dumb Animals" for 1894. Publishers.			12
Palmer, Rev. Frederic.		3	
Peabody Institute. Peabody, Mass.		1	
Pride, Rev. E. W.		1	
Reed, Edwin.	1		
Salem Public Library.		1	
Travellers' Insurance Co. Travellers' Record, 1894.			
Trustees of Phillips Academy.	1		
United States.	24	84	
Voorhees, Hon. D. W. Washington, D. C.		54	
Watertown Public Library.		1	
Whitney, Charles C. Marshall, Minn.			52
Worcester Free Public Library.		1	
	<hr/> 57	<hr/> 212	<hr/> 64

**Other Donations.**

Abbott, Mrs. Moses B. Indian Relics.

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Fifty-seven volumes, worn out and withdrawn, have been replaced with new ones.

Two numbers of the Andover Townsman, and one each of the American Agriculturalist, Boston Daily Journal, Catholic World, English Illustrated Magazine, Harper's Bazar, Harper's Young People, Illustrated American, and Scientific American have been taken from the Reading-room, and not returned.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 7, 1895.



## LIST OF ACCESSIONS, 1894.

## A.

Adams, William T. (Oliver Optic). Up and down the Nile: or young adventurers in Africa.	717.10
Addison, Daniel D. Lucy Larcom: life, letters, and diary.	1755.16
Alger, Horatio, Jr. Charlie Codman's cruise: a book for boys.	714.25
American Agriculturist. Vol. 52. 1893.	1115.3
American Naturalist. Vol. 27. 1893.	1423.8
Andover Review. Vol. 19. 1893.	1412.7
Andover Townsman. Vol. 7. 1891-94.	Ref.
Astor, John J. A journey in other worlds: a romance of the future.	715.17
Atlantic Monthly. Vol. 72-73. 1883-94.	1313.12-13

## B.

Balestier, Wolcott. Benefits forgot.	1932.4
Balzac, Honoré de. A great man of the provinces of Paris.	1958.22
Baring-Gould, Sabine. Cheap Jack Zita.	1914.6
The queen of love: a novel.	1914.14
Barr, Amelia E. The lone house.	1963.8
Barr, James, <i>editor</i> . Humour of America.	1737.5
Benson, Edward F. The Rubicon.	1932.12
Blackwood's Edinburgh Magazine. Vol. 154-155. 1883-94.	1435.6-7
Blouet, Paul (Max O'Rell). John Bull & Co. The great Colonial branches of the firm: Canada, Australia, New Zealand and South America.	1477.5
Bolderman, Rolf. A modern buccaneer.	1954.20
Bolles, Frank. From Blomidon to Smoky, and other places.	1765.21
Bonner, John. A child's history of Spain.	1748.6
Bourne, H. R. F. Sir Philip Sidney. [Heroes of the nations.]	1258.4
Bouvé, Edward T. Centuries apart.	1952.3
Bromhall, Mae St. John. Wee ones of Japan.	1755.10
Brooke, Stopford A. Tennyson: his art and relation to modern life.	1236.21
Brooks, Elbridge S. Century book for young Americans.	881.28
Brooks, Phillips. Essays and addresses: religious, literary and social.	333.24
Broughton, Rhoda. A beginner: a novel.	1914.3
Brown, Horatio F. Life on the Lagoons.	1743.3

## C.

Cable, George W. John March, Southerner.	1916.8
Caffyn, Mrs. Mannington. A yellow aster: a novel.	1914.5

Caine, Hall. The Manxman: a novel.	1952.4
Cambridge, Ada. A marriage ceremony.	1944.16
Carrington, Harry B. Beacon lights of patriotism.	1744.4
Century Cyclopaedia of names.	Ref.
Century Magazine. Vol. 22. 1894.	1337.3
Chamberlain, Montague. A popular handbook of the ornithology of Eastern North America land and water birds.	1274.5
Channing, Elizabeth P. Kindling thoughts.	1263.11
Chopin, Kate. Bayou folk.	1914.7
Church, Alfred J. Stories from English history: from Julius Caesar to the Black Prince.	1748.9
Church, John. Musical Visitor. Vol. 22. 1893.	1354.18
Clark, Francis E. Our journey around the world, with glimpses of life in far off lands, by Mrs. Harriet E. Clark.	1763.6
Cobbe, Frances Power. Life of. 2 vols.	1757.11-12
Collingwood, W. G. The life and work of John Ruskin. 2 vols.	1757.8-9
Contemporary Review. Vol. 64-65. 1893-94.	1126.8-9
Corelli, Marie. Barabbas: a dream of the world's tragedy.	1932.11
Cornhill Magazine. New series. Vol. 21-22. 1893-94.	1135.4-5
Cosmopolitan, The. Vol. 15-16. 1893-94.	1137.2-3
Craigie, Mrs. Pearl (J. O. Hobbes). A bundle of life. [Pseudonym Library.]	859.30
Crawford, Francis Marion. Katherine Lauderdale. 2 vols.	1962.7-8
The same.	1962.9-10
Love in idleness: a tale of Bar Harbor.	1962.11
Pietro Ghisleri.	1962.6
Crockett, L. R. The lilac sunbonnet.	1914.15
Mad Sir Uchtred of the hills.	859.25
The raiders.	1914.12
The Stickit minister, and some common men.	1914.13
Cummins, Maria S. Mabel Vaughn.	1923.16

## D.

D'Arblay, Frances Burney. Cecilia: or memoirs of an heiress.	859.20-22
Dana, Mrs. William S. According to season: talks about the flowers in the order of their appearance in the woods and fields.	425.24
Davis, Charles E., Jr. Three years in the army: story of the 13th Mass. Volunteers, July 16, 1861-August 1, 1864.	1247.9
Davis, Richard Harding. The exile, and other stories.	1927.5
Our English cousins.	1767.10
The rulers of the Mediterranean.	1765.19
Depew, Chauncey M. Life and later speeches.	1277.6
Dickens, Mary Angela. A valiant ignorance, a novel.	1954.18

Dickinson, Emily. Letters : Edited by Mabel Loomis Todd. 2 vols.	1758.2-3
Dickson, W. K. L. and A. life and inventions of Thomas A. Edison.	1751.2
Dodge, Mary Mapes. The land of pluck : stories and sketches for young folk.	1938.5
Douglas, Amanda M. In the king's country.	1914.11
Doyle, A. Conan. Memories of Sherlock Holmes.	1953.13
Round the red lamp ; being facts and fancies of medical life.	1953.19
Drake, Samuel Adams. The making of the Ohio Valley States. 1660-1837.	1748.8
Drummond, Henry. The ascent of man. Lowell lectures.	1714.2
Drysdale, William. The mystery of Abel Forefinger.	1932.5
DuMaurier, George. Trilby, a novel.	1952.6
The same.	1952.7
Dwight, James. Practical lawn tennis.	1452.8

## E.

Edgeworth, Maria. Life and letters. 2 vols. Edited by A. J. C. Hare.	1757.14-15
Egleston, Thomas. The life of John Paterson ; Major-General in the Revolutionary Army.	1757.16
Emilio, Luis F. History of the 54th Regiment, Mass. Volunteer Infantry. 1863-65.	1247.11
English Illustrated Magazine. 1893-95.	1314-14

## F.

Farjeon, Benjamin Leopold. A fair Jewess.	1914.8
Farrar, Frederic W. Our English minsters.	1715.2
Field, Henry M. The Barbary coast.	1764.6
Field, Mrs. James T. A shelf of old books.	1761.4
Fiske, John. Edward Livingston Youmans: interpreter of science for the people. A sketch of his life.	1753.9
A history of the United States for schools.	1744.5
Fletcher, William I. Public Libraries in America. [Columbia knowledge series.]	1736.1
Foote, Mary Hallock. In exile, and other stories.	1932.7
Ford, James L. Hypnotic tales, and other stories.	885.26
The third alarm : a story of the New York fire department.	1928.9
Forum, The. Vol. 16-17. 1893-94.	1124.5-6
Francis. M. E. The story of Dan.	1923 13
Frapan, Ilse. God's will, and other stories. [Unknown Library.]	1937.4
Fuller, Anna. Peak and prairie : from a Colorado sketch-book.	1947.5
Pratt portraits : sketched in a New England suburb.	1947.6

## G.

Galey, Charles Mills, <i>Editor</i> . The classic myths in English Literature.	1235.17
Gardner, Mrs. Sarah M. H. The fortunes of Margaret Weld.	1933.18
Good Words. 1893.	1316.7
Grant, Robert. Jack Hall: or the school-days of an American boy.	1952.5
Griffis, William Elliot. Brave Little Holland, and what she taught us.	1748.7
Gunnison, Almon. Wayside and fireside rambles.	1767.8

## H.

Halévy, Ludovic. Parisian points of view.	1945.2
Hamlin, Cyrus. My life and times.	1757.7
Hancock, Anson Uriel. A history of Chili.	1741.3
Hall, William W. Journal of Health. Vol. 40. 1893.	1016.21
Hardinge, E. M. With the wild flowers: from pussy-willow to thistle-down.	425 25
Hardy, Thomas. Life's little ironies.	1923 12
Harper's New Monthly Magazine. Vol. 87-88. 1893-94.	1173 2-3
Harper's Weekly. 2 vols.	*151.4-5
Harper's Young People. 2 vols.	772.2-3
Harraden, Beatrice. In varying moods.	859.18
Ships that pass in the night.	859.16
Harte, Francis Bret. A protégée of Jack Hamlin's, and other stories.	1954.17
Hawker, M. E. (Lanoe Falconer.) Cecilia de Noël.	1932.8
Hector, Annie French. (Mrs. Alexander.) Broken links.	1957.5
A ward in chancery: a novel.	1957.4
Henty, George A. In the heart of the Rockies.	1925.6
When London burned.	1925.7
Higginson, Mrs. S. J. The Bedouin girl.	1914.10
Hill, George B. Harvard College by an Oxonian.	1767.11
Hole, Samuel Reynolds, <i>Dean of Rochester</i> . More memories.	1755.19
Holmes, Oliver Wendell. Over the tea cups.	1725.2
The poet at the breakfast table.	1725.1
Hyde, Thomas W. Following the Greek cross: or memories of the sixth army corps.	1744.6

## I.

Illustrated American. Vol. 14-15. 1893-94.	*1446.2-3
Imbert de Saint-Amand. Arthur Leon, <i>Baron</i> .	

*Marie Antoinette*. 3 vols.

1. Marie Antoinette and the end of the old régime.	1228.8
2. Marie Antoinette at the Tuileries.	1228.16
3. Marie Antoinette and the downfall of royalty.	1228.17

*The Empress Josephine. 3 vols.*

- |                                    |         |
|------------------------------------|---------|
| 1. Citizen Bonaparte.              | 1228.9  |
| 2. The wife of the first consul.   | 1461.21 |
| 3. Court of the Empress Josephine. | 1228.11 |

*The Empress Marie Louise. 4 vols.*

- |  |         |
|--|---------|
| 1. Happy days of Marie Louise.                               | 1228.18 |
| 2. Marie Louise and the decadence of the empire.             | 1228.10 |
| 3. Marie Louise and the invasion of 1814.                    | 1228.12 |
| 4. Marie Louise, the return from Elba, and the hundred days. | 1228.13 |

*The Duchess of Angoulême. 2 vols.*

- |  |         |
|--|---------|
| 1. Youth of the Duchess of Angoulême.              | 1228.19 |
| 2. Duchess of Angoulême, and the two restorations. | 1228.20 |

*The Duchess of Berry. 3 vols.*

- |  |         |
|--|---------|
| 1. Duchess of Berry, and the Court of Louis XVIII.     | 1228.21 |
| 2. Duchess of Berry, and the Court of Charles X.       | 1228.22 |
| 3. Duchess of Berry, and the Revolution of July, 1830. | 1228.14 |

*Women of the Valois and Versailles Courts. 4 vols.*

- |                               |         |
|-------------------------------|---------|
| 1. Women of the Valois Court. | 1228.23 |
| 2. Court of Louis XIV.        | 1228.24 |
| 3. Court of Louis XV.         | 1228.25 |
| 4. Last years of Louis XV.    | 1228.15 |

## J.

- |   |        |
|---|--------|
| Jessop, Augustus. Random roaming, and other papers. | 1745.7 |
|---|--------|

## K.

- |   |         |
|---|---------|
| Keith, Leslie. 'Lisbeth.                          | 1932.9  |
| Kidd, Benjamin. Social evolution.                 | 421.25  |
| King, Charles. Cadet days: a story of West Point. | 1928.12 |
| Waring's peril.                                   | 1928.10 |
| Knight, Francis A. By moorland and sea.           | 1765.20 |
| Knox, Thomas W. The boy travellers in the Levant. | 813.19  |
| Kossuth, Louis. Memories of my life.              | 1753.10 |

## L.

- |  |          |
|--|----------|
| Lawrence American and Andover Advertiser. 1893.                  | Ref.     |
| Lee, Fitzhugh. General Lee. [Great commanders.]                  | 1747.7   |
| Leslie, Frank, publisher. Scenes and portraits of the Civil War. | Ref.     |
| Lewis, Angelo J. (Professor Hoffman). Puzzles new and old.       | 1767.9   |
| Littell's Living Age. Vol. 189-201. 1893-94.                     | 1065.4-6 |
| Long, Lily A. Apprentices to destiny.                            | 1953.10  |
| Longfellow, Henry Wadsworth. Poetical works.                     | 336.20   |



- Longfellow, Samuel. Essays and sermons. Edited by Joseph May. 1755.12  
 Memoir and letters. Edited by Joseph May. 1755.11  
 Lubbock, Sir John. The beauties of nature and the wonders of the world we live in. 426.14  
 The use of life. 1266.11

## M.

- McFall, Mrs. C. R. (Sarah Grand.) The heavenly twins. 1953.12  
 MacLaren, Ian. *pseud.* Beside the bonnie brier bush. 1938.6  
 McClay, Edgar S. A history of the United States Navy. 1775-1894. 2 vols. 1741.5-6  
 Mahan, Alfred T. The influence of sea power upon the French Revolution and empire. 1793-1812. 2 vols. 1471.7-8  
 Manufacturer and Builder. Vol. 25. 1893. 1353.21  
 Marden, Orison S. Pushing to the front : or success under difficulties. 1767.12  
 Massachusetts :

*Legislative documents.*

- Journal of the House of Representatives, 1894. 1073.6  
 Journal of the Senate for the year 1894. 1071.6  
 Manual for the Use of the General Court. 1894. Ref.  
 Public Documents for the year 1894. 12 vols. Ref.

*Miscellaneous documents.*

- Agriculture. Synoptical and analytical index. 1837-92. 924.22  
 Board of Education. Fifty-seventh annual report. 1993. 917.16  
 Board of lunacy and charity. Fifteenth annual report. 1894. 1036.29  
 Supreme Judicial Court. Reports of cases argued and determined. [Massachusetts reports. Vol. 159-160.] April to October, 1893. 967.13-14

*Secretary of State.*

- List of persons whose names have been changed in Massachusetts. 1780-1892. \*556.6  
 Meldrum, John S. Story of Margrédél : being a history of a Fifeshire family. 859.17  
 Merriman, Henry Seaton. With edged tools : a novel. 1954.19  
 Miller, Olive Thorne. A bird lover in the west. 1274.4  
 Our home pets : how to keep them well and happy. 1273.13-14  
 Morley, Henry. English writers :—  
 Vol. 10. Shakespeare and his time under Elizabeth. 1237.10  
 Moors, John F. History of the 52nd Regiment Massachusetts Volunteers. 1247.10

Morris, Harrison S. Tales from Shakespeare.	1932.10
Munfree, Mary N. His vanished star.	1926.2
Murray, David Story of Japan. [Story of the nations.]	1238.7
Murray, David Christie. In direct peril : a novel.	1967.26

## N.

Nation, The. Vol. 57-58. 1893-94.	1444.2-3
Norris, William Edward. The Countess Ragna; a novel.	841.15
North American Review. Vol. 157-158 1893-94.	1152.2-3

## P.

Page Thomas Nelson. Pastime stories.	1965.2
Pease, Theodore Claudius. The Christian ministry : its present claims and attractions, and other writings.	1263.10
Perry, Bliss. Salem Kittredge, and other stories.	859.19
Pickard, Samuel T. Life and letters of John Greenleaf Whittier. 2 vols.	1755.17-18
Plunkett, Mrs. H. M. Josiah Gilbert Holland.	1755.9
Poortman-Schwartz, J. van der. The greater glory : a story of high life, by Maarten Maartens.	1958.21
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TOWN OF ANDOVER

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SIXTH

ANNUAL REPORT

OF THE

WATER COMMISSIONERS

FOR THE FINANCIAL YEAR ENDING

JANUARY 15, 1895

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ANDOVER, MASS :  
THE ANDOVER PRESS PRINTERS,  
1895



# REPORT.

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TO THE CITIZENS OF ANDOVER:—

Your Board of Water Commissioners submit their annual report for the year ending January 15, 1895:

Applications as per last report,	623
Received during the year,	54

Total to date,	677
Water takers, last report,	828
“ to January, 1895,	876
Received for Water Rates,	\$8378 44

In comparison with former years, the receipts from Water Rates have been as follows:

1890	1891	1892	1893	1894
\$3106 38	\$5349 32	\$5977 41	\$7647 41	\$8378 44

Operating expenses for same time,				
1890	1891	1892	1893	1894
\$3157 35	\$3399 93	\$3510 32	\$3867 38	\$4580 73

There is included in the operating expenses, bills to the amount of \$730, which were unpaid at the close of last year.

But few extensions to street lines have been made, only about 148 feet of 6 and 8 inch in all.

Great improvement has been made to the grounds about the Pumping Station, and with a small outlay from year to year, the general appearance of the property there can be made very attractive.



Nothing has been expended on the reservoir or the lot.

We refer you to the report of the Superintendent, which contains many items of interest in connection with the system, and more particularly to that part which refers to the operations and condition of the pumps at the present time.

We ask for an appropriation of \$4500 for maintenance account, and \$450 for the Sinking Fund.

Respectfully submitted,

JOHN H. FLINT.	}	<i>Board of Water Commissioners.</i>
J. P. BUTTERFIELD,		
FELIX G. HAYNES.		

## SINKING FUND.

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The Sinking Fund Commissioners present the following report:

### ISSUE OF 1890.

To redeem bonds Nos. 151 to 160 inclusive.	
To balance Jan. 10, 1894,	\$1689 40
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	43 81
Received from interest from Essex Savings Bank,	32 30
Received from interest from Lowell Institution for Savings,	4 51
	<hr/> \$1920 02

Invested as follows:

Deposited in Andover Savings Bank,	\$1007 36
Deposited in Essex Savings Bank,	758 15
Deposited in Lowell Institution for Savings,	154 51
	<hr/> \$1920 02

### ISSUE OF 1892.

To redeem bonds Nos. 161 to 170 inclusive.	
To balance Jan. 10, 1894,	\$501 31
Received from Town of Andover,	150 00
Received from interest from Broadway Savings Bank,	23 24
	<hr/> \$674 55

Invested as follows:

Deposited in Broadway Savings Bank,	\$674 55
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## ISSUE OF 1893.

To redeem bonds Nos. 171 to 180.	
To balance Jan. 10. 1894,	\$7 50
Received from Town of Andover,	150 00
Received from Andover Savings Bank,	3 21
	<hr/>
	\$160 71

Invested as follows :

Deposited in Andover Savings Bank,	\$160 71
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JOHN H. FLINT.	} <i>Sinking Fund</i>
J. P. BUTTERFIELD,	
FELIX G. HAYNES,	

*Commissioners.*

## FINANCIAL STATEMENT.

## RECEIPTS.

Smith & Dove M'f'g Do., laying pipe,	\$1843 00
E. C. Pike, scrap iron and heater,	30 82
John Cochran, piece of pipe,	10
Geo. Ripley, dynamite.	1 08
Chas. W. Mann. laying service pipe,	20 92
Methuen Water Works, labor,	9 07
C. B. Mason, piping,	8 31
F. G. Haynes, repairing stop, .	1 68
Mrs. F. A. Flint, laying drain pipe.	64 31
M. E. White, repairing meter,	1 50
Town of Andover, laying drains,	42 75
Chas. L. Bailey, logs,	2 18
Gould & Gutterson, junk,	8 23
Jos. T. Lovejoy, grass on reservoir lot,	5 00
Battalia & Co., rent of shop,	6 00
Michael Welch, pipe and fittings,	9 30
Various parties, service pipe and meters,	1465 92
Water rates,	8378 44
	<hr/>
	\$11899 21

## Paid Town Treasurer,

Water rates,	\$8378 44
Pipe account,	3520 77

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\$11899 21

## MAINTENANCE.

J. E. Smith, superintendent,	\$827 41
George W. Spickler, engineer,	686 30
George W. Chandler, coal,	630 75
<i>Amount carried forward,</i>	<hr/> \$2144 46

<i>Amount brought forward,</i>	\$2144 46
George F. Blake M'f'g Co., pump cylinder,	459 12
J. Albert Walker, & Co., coal,	313 14
Charles F. Smith, fireman,	270 16
Herbert M. Wright, fireman,	247 50
F. A. Andrews, clerk,	166 00
Wm. H. Higgins, board of horse,	152 25
Daniel Gage, wood,	109 86
B. & M. R. R. Co., freight,	84 82
A. Hurley, labor.	82 37
John Schofield, labor,	64 56
E. W. Bigelow, cylinder oil,	53 58
Joseph Bourdelais, hauling coal,	48 36
Perrin Seamens & Co., suction hose, etc.,	29 29
Frank L. Trefethen, waste and packing,	29 20
Andrew Moynahan, labor,	28 95
William G. Goldsmith, stamps and box rent,	28 50
Michael Moynahan, labor,	22 50
Anderson & Bowman, horse-shoeing,	22 25
T. J. O'Brien, labor,	20 63
Andover Press, printing,	17 10
George E. Hussey, clerk,	42 50
Hardy & Cole, lumber,	12 61
Walworth M'f'g Co., pipe and fittings,	12 53
Smith & Manning, supplies,	17 60
Treat Hardware & Supply Co., packing and oil.	11 07
Gilchrist & Taylor, pipe and fittings,	14 30
National Meter Co., parts of meter,	7 30
John Leary, labor,	6 78
E. C. Pike, supplies, pipe and fittings,	6 18
H. McLawlin, hardware,	5 91
H. B. Leonard, metal polish,	4 50
Edward McCabe, boiler tube,	4 30
Jas. Haggerty, labor,	4 18
C. L. Bailey, board of men,	4 00
J. H. Chandler, stationery,	2 83
<i>Amount carried forward,</i>	<hr/> \$4551 19

<i>Amount brought forward,</i>	\$4551 19
George Saunders, supplies for fountains,	2 10
Edson M'f'g Co., pump diaphragm,	2 00
Benjamin Brown, rubber boots,	3 60
J. E. Whiting, cleaning clock,	2 00
F. E. Gleason, wood,	2 00
American Express, express,	1 80
William McDermott, labor,	1 75
John N. Cole, stationery,	1 73
John Moynahan, labor,	1 65
Philip Purcell, labor,	1 60
Thompson Meter Co., disc,	1 25
C. F. Mayer, repairing harnesses,	1 25
F. R. Goodwin, labor,	93
Bartlett & Dow, mill board,	2 43
George H. Leonard & Co., oil,	65
Brown's Express, express,	85
Tyer Rubber Co., oil,	60
Herbert F. Chase, electric tape,	55
Martin Duggen, labor.	55
T. A. Holt & Co., mop cloth,	25
	<hr/>
	\$4580 73

## CREDIT, MAINTENANCE.

M. E. White, repairing meter,	\$1 50
Town of Andover, laying drain pipes,	42 75
Charles L. Bailey, logs,	2 18
Gould & Gutterson, junk,	8 83
Joseph T. Lovejoy, grass on reservoir lot,	5 00
Battalia & Co., rent of shop,	6 00
	<hr/>
	\$66 26

## SERVICE PIPE.

Gilchrist & Taylor, pipe and fittings,	\$453 65
J. E. Smith, superintendent,	275 81
Hersey M'f'g Co, meters,	211 25
New England Pipe Co., pipe and fittings,	172 25
Andrew Hurley, labor,	186 39
Andrew Moynahan, labor,	117 54
John Schofield, labor,	102 25
National Meter Co., meters,	100 50
Wm. H. Higgins, board of horse,	85 50
Michael Moynahan, labor,	81 47
James Haggerty, labor,	68 63
Dennis Lane, labor,	34 49
Daniel Cronin, labor,	30 22
Metropolitan Meter Co., meters,	32 00
James Quinn, labor,	26 81
Neptune Meter Co., meters,	25 35
Chas. F. Smith, labor,	24 75
John Leary, labor,	24 61
Hardy & Cole, bench and boxes,	23 80
Boston Lead M'f'g Co., lead pipe and solder,	21 95
George Saunders, labor and fittings,	18 66
B. & M. R. R. Co., freight,	20 97
Sumner & Goodwin, pipe fittings,	16 36
Phillip Purcelle, labor,	16 00
T. J. O'Brien, labor,	16 73
E. C. Pike, pipe fittings,	13 63
Anderson & Bowman, iron work,	19 57
John Moynahan, labor,	11 70
M. E. White, cement,	7 50
Union Water Meter Co., meters,	25 50
Thomson Meter Co., meter,	8 45
Wm. McDermott, labor,	5 25
H. McLawlin, tools,	5 49
David Welch, labor,	5 10
Con Sweeney, labor,	4 80

*Amount carried forward,*

\$2294 93



<i>Amount brought forward,</i>	\$2294 93
Benj. Brown, rubber gloves,	4 50
Walworth M'f'g Co., taps and dies,	4 04
Brown's Express, express,	4 50
J. J. Buckley, labor,	3 20
American Express, express,	3 00
Geo. H. Sampson, fuses,	2 16
David Davis, labor,	1 65
Smith & Manning, kerosene,	60
	<hr/>
	\$2318 58
	<hr/>

## CREDIT, SERVICE PIPE.

Chas. W. Mann, laying service pipe,	\$20 92
Methuen Water Works, labor,	9 07
C. B. Mason, pipe fitting,	8 31
Mrs. F. A. Flint, laying drain pipe,	64 31
F. G. Haynes, repairing stopcock,	1 68
Michael Walsh, pipe and fittings,	9 30
Various parties, service pipe and meters,	1465 92
	<hr/>
	\$1579 51
	<hr/>

## PIPE DISTRIBUTION.

R. D. Wood & Co., pipe and specials,	\$367 59
John E. Smith, superintendent,	209 52
John Schofield, labor,	92 41
Andrew Hurley, labor,	91 84
Boston Lead M'f'g Co., pig lead,	80 19
Michael Moynahan, labor,	70 22
John Moynahan, labor,	62 52
Andrew Moynahan, labor,	70 61
B. & M. R. R. Co., freight,	49 49
Philip Purcell, labor,	30 58
Daniel Cronin, labor,	48 53
<i>Amount carried forward,</i>	<hr/>
	\$1173 50

<i>Amount brought forward.</i>	\$1173 50
Benjamin Brown, rubber boots,	28 50
O. B. Howarth, labor,	25 55
David Welch, labor,	26 66
Dennis Lane, labor,	24 00
Matthew Fitzpatrick, labor,	20 89
George H. Sampson, dynamite,	15 55
Gilchrist & Taylor, valve boxes,	13 60
George W. Chandler, hauling pipe,	14 50
Hardy & Cole, lumber,	12 80
W. H. Higgins board of horse,	11 50
John Leary, labor,	5 87
Anderson & Bowman, sharpening tools,	5 55
Frank R. Goodwin, labor,	9 25
James Nolan, labor,	5 00
T. J. O'Brien, labor,	4 27
Anthony Hannon, labor,	4 27
Patrick Flannigan, labor,	4 27
Smith & Manning, supplies,	2 56
Edson M'f'g Co., pump diaphragm,	2 00
Lawrence Gas. Co., coke,	2 25
Davis & Farnum, special castings,	1 46
James Haggerty, labor,	39 27
Charles F. Smith, labor,	75
Brown's Express, express,	50
American Express, express,	30
	<hr/>
	\$1454 62

## CREDIT, PIPE DISTRIBUTION.

Smith & Dove, stock and labor,	\$1843 00
E. C. Pike, scrap iron,	10 82
John Cochran, piece of pipe,	10
George Ripley, dynamite,	1 08
	<hr/>
	\$1855 00

## PUMPING PLANT.

Star M'fg Co., indicator and pantagraph,	\$67 00
Walworth M'fg Co., pipe and fittings,	17 20
John E. Smith, superintendent,	4 37
E. C. Pike, pipe and fittings,	2 72
Anderson & Bowman, iron work,	1 75
	<hr/>
	\$93 04
	<hr/>

## TOOLS AT SHOP.

George S. Cole, breast drill,	\$2 00
James Haggerty, drills and wedges,	3 00
H. McLawlin, tools,	11 21
	<hr/>
	\$16 21
	<hr/>

## GRADING LAND.

John E. Smith, superintendent,	\$37 45
Andrew Hurley, labor,	60 47
Andrew Moynehan, labor,	36 94
John Schofield, labor,	53 65
James Haggerty, labor,	1 70
Michael Mayweather, labor,	21 00
Hardy and Cole, fence posts,	17 50
Charles L. Bailey, rent of cart,	11 00
William H. Higgins, board of horse,	24 00
Smith and Manning, grass seed,	3 29
H. McLawlin, fence wire,	8 47
E. C. Pike, drain pipe,	5 20
	<hr/>
	\$280 67
	<hr/>

## CREDIT BUILDING AT PUMPING STATION.

E. C. Pike, "Baker hot water heater,"	20 00
	<hr/>

## SUMMARY.

Maintenance,	4580 73
Pipe distribution,	1454 62
Service Pipe,	2318 58
Grading land,	280 67
Pumping plant,	93 04
Tools at shop,	16 21
	<hr/>
	\$8743 85
	<hr/>

## COST OF CONSTRUCTION.

Office fixtures,	\$492 53
Service pipe,	8292 91
Pipe distribution,	122989 68
Buildings at Pumping Station,	9405 73
Tools at shop,	494 46
Tools at Pumping Station,	405 68
Pumping plant foundations,	1248 59
Pumping plant,	11131 36
Pump connections,	948 86
Coal shed,	806 97
Suction pipe,	1309 47
Reservoir,	11074 59
Grading land,	1724 87
Water and land damage,	3493 15
Engineering expenses,	6650 96
Teams,	455 65
Work shop,	1259 62
	<hr/>
	\$182185 08
	<hr/>

## SUPERINTENDENT'S REPORT.

*To the Board of Water Commissioners:*

I herewith present my report for the year ending January 15, 1895. An examination of the financial report will show that considerable money has apparently been spent on construction account, but owing to the amount of work which has been done for private parties, the receipts have been correspondingly large, and the cash on hand for construction is probably all that will be needed for ordinary purposes this year. There has been laid 48 feet of 8-inch and 100 feet of 6-inch pipe in town ways. An 8" fire pipe has been laid across the Shawsheen River from Mineral Street to Smith & Dove Manufacturing Co.'s yard. It is proposed to extend this pipe to connect with the 6-inch already laid from Essex Street. Owing to delay in the arrival of castings, this work will not be completed until spring, and will be properly recorded in next year's report.

There have been received 54 applications for service pipes, and 53 have been laid. The usual schedule of this work is presented. There have been set 38 meters of various patterns. Following list shows number, size, and kind in use.

## METERS IN USE JANUARY 15, 1895.

SIZE.	MANUFACTURER'S NAME.								Totals.
	Crown.	Metro-politan.	Thom-son.	Hersey.	Gem.	Nash	Union Rotary.	Nep-tune.	
$\frac{1}{2}$ Inch	84					37			121
$\frac{3}{8}$ Inch		2	71	23			1	2	99
$\frac{3}{4}$ Inch	3	2	1			1			7
1 Inch	6		2						8
$1\frac{1}{2}$ Inch			1						1
2 Inch					1				1
Totals,	93	4	75	23	1	38	1	2	237

There has been \$280.67 spent in grading around the pumping station, the results fully justifying the expense. The only further expense for construction was for attaching an indicator to the pumps.

### SCHEDULE OF SERVICE PIPE.

Laid during 1894.	Kind,	Cement Lined.	Cement Lined.	Cement Lined.	Lead Lined.	Tarred.	Lead.	Lead.	Cast-Iron.	Total.
	Size,	$\frac{3}{4}$ In.	1 Inch	$1\frac{1}{2}$ Inch.	$1\frac{1}{2}$ Inch.	2 Inch.	$\frac{3}{8}$ Inch.	1 Inch.	4 Inch.	
	No. of Services,	48	3		1	1				53
	Owned by Town,	1271.0	289.5		18.4	33.3				1612.2
	Owned by Individ.	1816.9	266.8		225.3	22.0				2331.0
	Total for 1894,	3087.9	556.3		243.7	55.3				3943.2
Total Prev. Jan. 15, '95	No. of Services,	560	26	5		2	4	2	2	601
	Length in feet,	37073.5	5541.1	1323.5		138.4	440.5	376.5	738.2	45631.7
Total Jan. 15, '95	No. of Services,	608	29	5	1	3	4	2	2	654
	Length in feet,	40161.4	6097.4	1323.5	243.7	193.7	440.5	376.5	738.2	49574.9

### MAINTENANCE.

We are now furnishing water for 40 stores and offices, 9 dormitories, 15 stables, 6 greenhouses, 6 club houses, 5 churches, 7 buildings for manufacturing purposes, 3 laundries, 1 hotel, 3 schools, 1 library, 1 hall, 1 athletic ground, 2 eating houses, 2 depots, and 775 families. The town is furnished with water for the town house, town farm, Memorial Hall, town stables, 2 engine houses, 5 school houses, 6 drinking fountains, 4 stand pipes for street sprinkling, and 178 hydrants.

The works have been kept up to their usual standard. The pumps, as will be seen by the records, have fallen somewhat from their usual standard and should receive a thorough overhauling. It being possible to shut down for a short time only, it is neither desirable or economical to make extensive repairs until a second pump has been put in. I would therefore recommend that a modern high duty pumping engine be purchased and erected.

In making this recommendation I wish to be thoroughly understood. The pumps that are now in are of ample



capacity, in fact will pump all the water that the main pipe can carry with safety. The reasons for calling for a second pump are the impossibility of putting the present pumps into proper condition until some means is provided for furnishing the town with water in case the pumps are not in condition to run. As is well known to the Commissioners, I have at various times during the past two years been obliged to work night and day to keep them in condition to pump water, and although there has been no trouble but what has been overcome without inconvenience to the water consumers, the anxiety and uncertainty as to what the result might be, has been fully understood by the Board. A further reason is the entire lack of appliances to supply the town in case of a breakdown which would take two or more days to repair. The town is now using an average of 325,000 and at times as high as 600,000 gallons of water per day, at which rate a full reservoir would last but two days, and failure of the pumps might mean not only serious inconvenience, but in case of fire heavy financial loss.

Another reason not entering so seriously into the question is the economy of running the pumping station. The comparative value of modern high duty pumping engines and ordinary duplex pumps will be better understood by examination of the conditions under which the present pumps are running. We are pumping water at a velocity of 210 feet per minute through a 12-inch pipe line 5 1-2 miles long against a total pressure of 140 pounds per square inch; of this 140 pounds, 96 is static and 44 frictional. If from any cause, such as a break in the pipe, the opening of a hydrant or stand pipe, an opening of any size occurs, the frictional resistance is reduced and to compensate for this loss the velocity must increase to balance the steam pressure, and if an attendant were not constantly on the alert the probability is that the piston would run through the cylinder heads.

With an engine with crank fly wheel and Corliss valve gear this danger is avoided, as the engine adjusts its speed in the same manner that a Corliss engine does its speed in



mill or electrical work. The difference in maintenance figured on the basis of pumping for last year will be as follows :

Cost of compound Duplex pump, \$6,000.00, interest	
at 4 per cent,	\$240 00
Cost of 205 tons coal at \$4.80,	984 00
	<hr/>
	\$1224 00

Cost of high duty engine, \$15,000, interest at 4 per	
cent,	\$600 00
Cost of coal, 120 tons at \$4.80,	536 00
	<hr/>
	\$1136 00

Balance in favor of high duty pump, \$88 00 per year

These figures are for pumping 117,847,305 gallons of water. As the pumping increases the balance in favor of a high duty engine grows larger. As it will take some time to build an engine and erect it, definite action should be taken as soon as possible.

Respectfully submitted,

JOHN E. SMITH.

JANUARY, 21, 1895.

# MONTHLY RECORD OF PUMPING SERVICE, 1894.

Month.	Days.	Time.	Lift, including friction and suction.	U.S. COAL USED.			Gallons pumped.	DUTY		Average daily consumption.
				Pumping.	Banking Starting, Etc.	Total.		Ft. lbs. with 100 lbs. Coal.	By total coal used.	
		H M	ft.					By coal used pumping.		gallons.
January	16	132 18	300	37,100	4700	41,800	9,238,565	62,304,284	55,229,018	298,018
February	15	113 36	300	32,500	6525	39,025	8,103,130	62,381,634	51,938,570	289,397
March	16	123 18	300	32,700	3400	36,100	8,583,750	65,677,500	59,491,807	276,895
April	15	123 13	300	33,700	3000	36,700	8,646,750	64,196,345	58,948,694	288,225
May	18	140 22	300	41,600	3600	45,200	10,715,880	64,449,835	59,093,247	345,673
June	21	160 45	300	44,400	4200	48,600	11,628,610	65,531,042	59,865,806	387,623
July	23	162 05	300	42,200	4400	46,600	11,121,180	65,936,471	59,710,712	358,748
August	25	153 50	300	34,800	5200	40,000	9,640,855	69,243,180	60,303,548	310,995
September	21	141 50	300	40,000	4200	44,200	10,236,665	64,030,339	57,946,008	341,222
October	22	132 18	300	36,700	4400	41,100	9,481,570	64,640,021	57,720,021	305,857
November	22	140 25	300	39,800	4600	44,400	10,035,060	65,596,784	56,548,941	334,502
December	22	142 58	300	42,900	6500	49,400	10,415,300	60,743,777	52,750,175	335,977
Totals	236	166 58	300	458,400	54,725	513,125	117,847,305	64,328,842	57,657,443	322,869

